

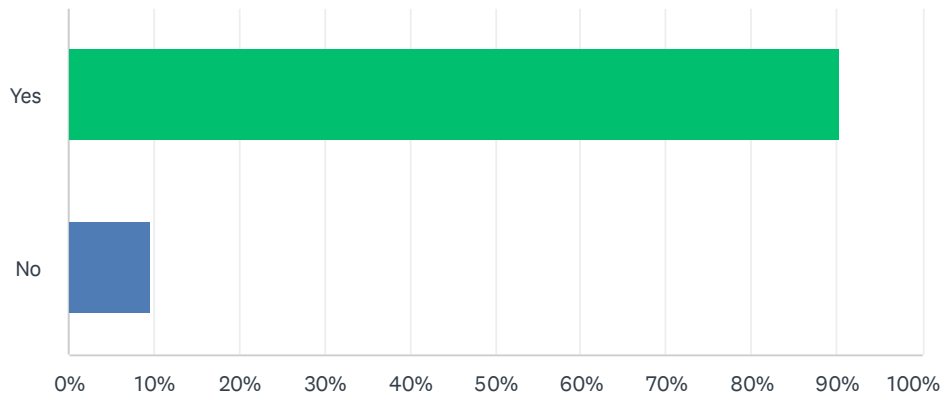
# BPELSG Survey on Requiring Continuing Education





Q1 Are you currently licensed by the California Board for Professional Engineers, Land Surveyors, and Geologists?

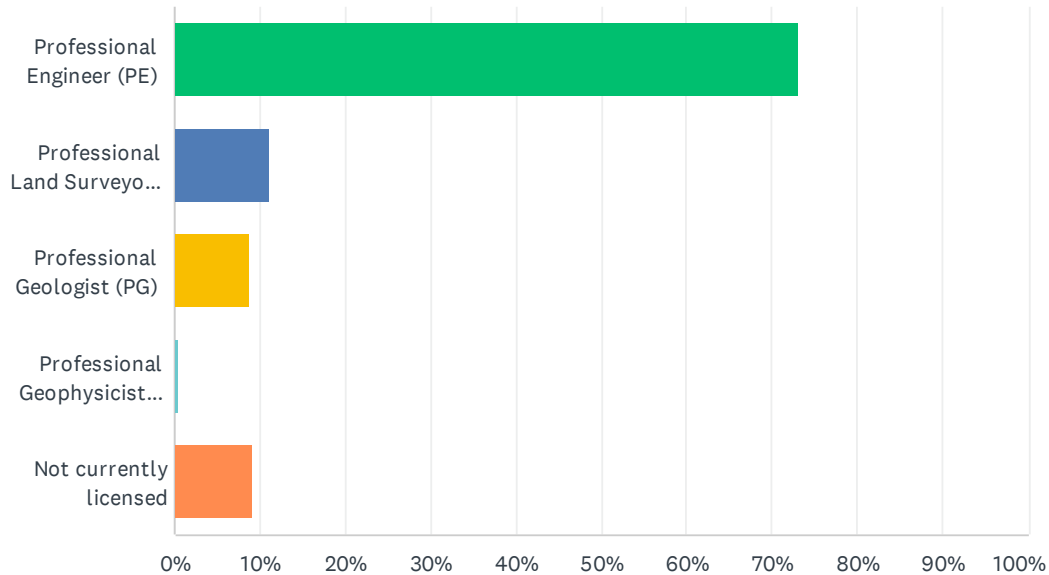
Answered: 2,186 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	90.30%	1,974
No	9.70%	212
TOTAL		2,186

## Q2 If currently licensed, which license type(s) do you currently have? (Choose all that apply)

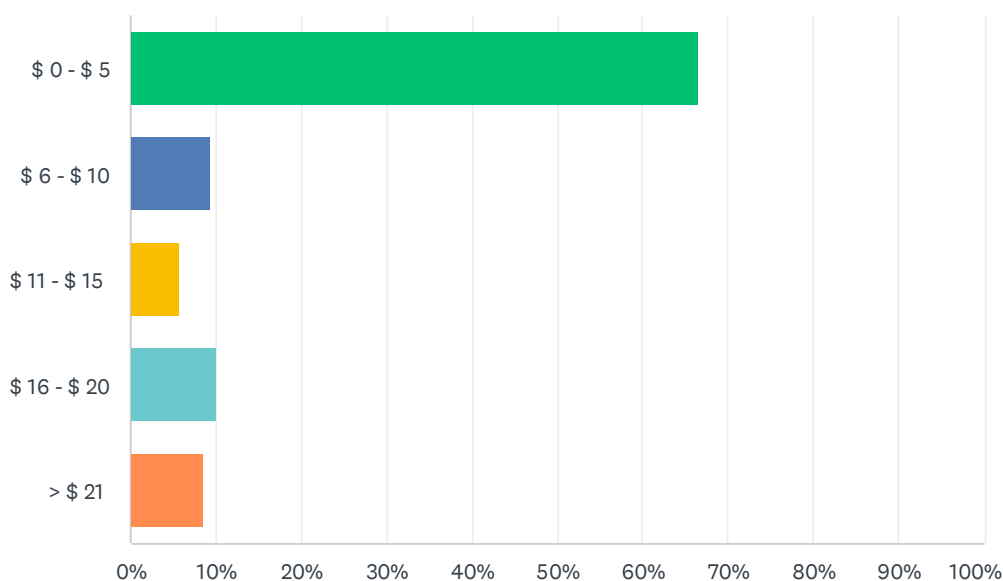
Answered: 2,186 Skipped: 0



ANSWER CHOICES	RESPONSES	
Professional Engineer (PE)	73.24%	1,601
Professional Land Surveyor (PLS)	11.16%	244
Professional Geologist (PG)	8.78%	192
Professional Geophysicist (PGp)	0.46%	10
Not currently licensed	9.15%	200
Total Respondents: 2,186		

Q3 Any new license renewal requirements will be evaluated for potential impact to the Board's annual budget for program administration. If implemented by the Board, how much would you expect to pay, as a portion of your biennial license renewal, to cover the costs to the Board to administer a mandatory continuing education program? Please note: this would be separate from any fees charged by a course provider, which would be paid directly by the licensee to the provider. (choose only one option)

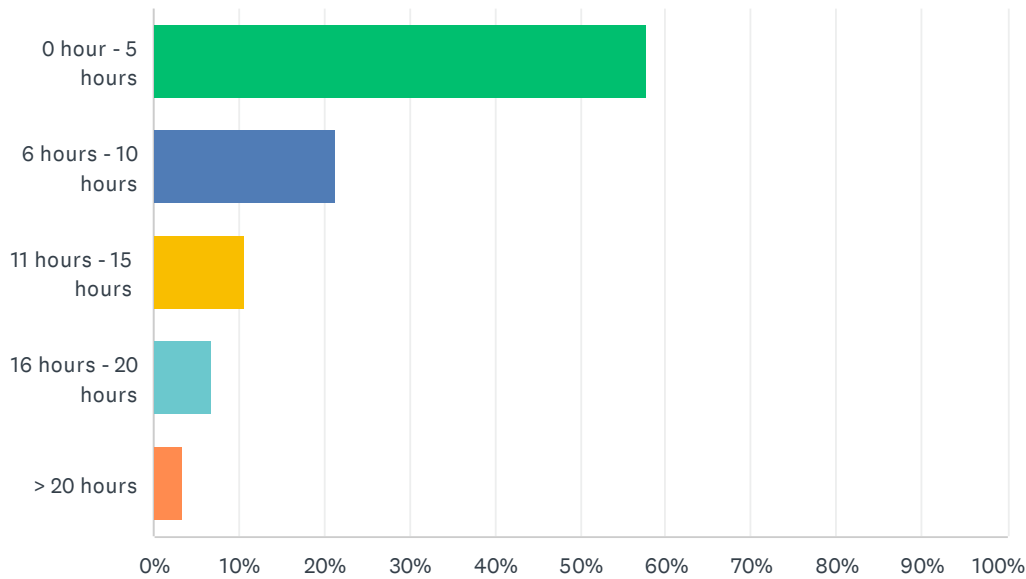
Answered: 2,186 Skipped: 0



ANSWER CHOICES	RESPONSES	
\$ 0 - \$ 5	66.47%	1,453
\$ 6 - \$ 10	9.33%	204
\$ 11 - \$ 15	5.72%	125
\$ 16 - \$ 20	10.02%	219
> \$ 21	8.46%	185
TOTAL		2,186

Q4 Initial research of engineering/surveying/geology licensing boards across the United States reveals a wide range of minimum Professional Development Hours (PDHs). If implemented by the Board, how many hours would you expect to spend dedicated to acquiring PDHs each year? (Choose only one option)

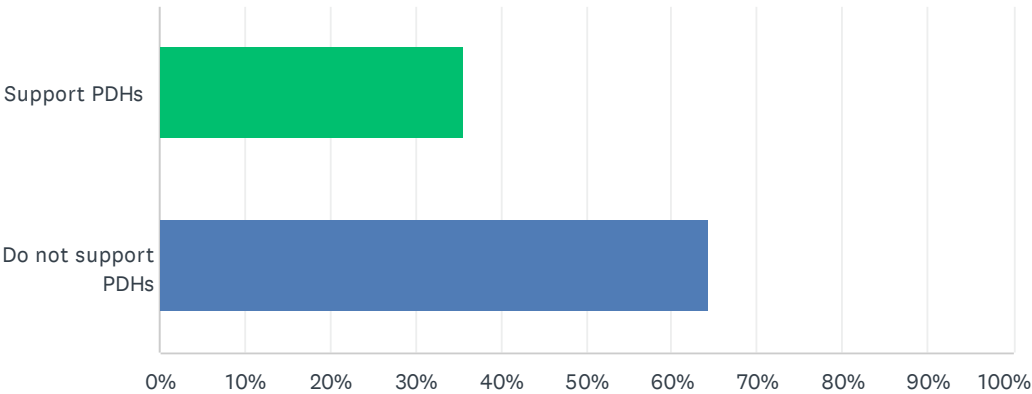
Answered: 2,181    Skipped: 5



ANSWER CHOICES	RESPONSES	
0 hour - 5 hours	57.77%	1,260
6 hours - 10 hours	21.23%	463
11 hours - 15 hours	10.64%	232
16 hours - 20 hours	6.92%	151
> 20 hours	3.44%	75
TOTAL		2,181

# Q5 What is your opinion of the requirement of PDHs?

Answered: 2,186 Skipped: 0



ANSWER CHOICES	RESPONSES	
Support PDHs	35.68%	780
Do not support PDHs	64.32%	1,406
TOTAL		2,186

## Q6 Please provide your personal thoughts on whether the Board should consider implementing mandatory continuing education.

Answered: 1,584 Skipped: 602

#	RESPONSES	DATE
1	The Board currently requires all Civil Engineers, regardless of profession (e.g. Water Resources, Environmental, etc.) to take examinations for Seismic Analysis and Surveying, regardless of whether or not these topics are within the scope of work for the engineer. It would be safe to assume the Board would not take into consideration the scope of work for continuing education requirements as well, and therefore, I do not support the implementation of mandatory continued education. Potential PEs not familiar with certain topics must spend a significant amount of money for Board exam fees, proctor exam scheduling fees (and rescheduling fees), retaking exam fees, prep courses, etc. Mandatory continued education would add to the financial burden of maintaining a PE license in CA, in addition to renewal fees.	3/2/2024 9:34 PM
2	I believe it is absolutely necessary. The work is essential for ensuring public safety, and a 4-year degree and apprenticeship is not enough to prepare professionals for non-routine situations that require them to have been exposed to more complex cases. Not only is mandatory continuing education a good idea, but it should also focus on training professionals in areas where they have been falling short - identifying common mistakes, and ways to think and evaluate to avoid making those mistakes, giving examples and telling stories about the impact of errors and inadequate attention to details. This requires assessing needs as part of curriculum planning. I also recommend instituting a yelp-like platform for reviewing service providers and training programs with metrics that encourage excellence, retaining and training talent, affordability, and ethics.	3/2/2024 10:18 AM
3	Good in concept, seems like more of an annoyance and hassle in reality. I attend a large number of events which offer PDEs but have precisely zero interest in tracking and submitting verification. And while I would like to see the profession advance and have a higher standard of practice I have minimal confidence that requiring PDEs will achieve this.	3/1/2024 4:01 PM
4	You are going to further burden and industry that is struggling to find employees. Many agencies do not have the resources to pay for PDHs. This can will result in the needed training taking a back seat to PDHs.	3/1/2024 12:49 PM
5	No	3/1/2024 12:39 PM
6	I do believe PEs should be required to complete PDHs; however, I am afraid that if the continuing education if required and implemented the costs for the PDHs and the license renewal are going to skyrocket. Furthermore, there is already a limited # of PEs, making this a requirement would further detract prospective PE candidates for seeking licensure. I would support if there were some stipulations that fees would not go up more that 0.5% per renewal cycle fee and that PDHs would not cost more than 2x the renewal cycle fee or something of that sort.	3/1/2024 10:06 AM
7	Don't over complicate this. If you make this a requirement, make compliance simple. Most states have an honor system for tracking hours and allow for self-study, recorded webinars, correspondence course etc. (See Nevada law). DO NOT MANDATE PAID COURSES!! I have been using the NCEES CPC Tracker for awhile to track my hours for my licenses in other states. It works well and my logs are transmittable to state boards when required.	3/1/2024 9:32 AM
8	It is not worth the cost. The board's budget is better spent elsewhere. It is difficult to get a CA PE compared to other states; please don't require us to spend time and money on PDHs. We have enough obligations as at is.	3/1/2024 7:05 AM
9	Do not support.	3/1/2024 6:46 AM
10	It's a waste of time and money. It is up to us, as individual registered professionals to keep our knowledge up to date. Not to be mandated in a fashion that can be circumvented.	2/29/2024 8:47 PM



11	Care should be taken in implementation to make sure that hours are for information relevant to a professionals field of practice. Additionally, focus should be put on verifying that the licensed professional is the person doing the webinar/class/etc. that the hours will come from and not an assistant/intern/etc. on their behalf. I would propose an alternate test for renewal to show continued understanding of engineering principles for those that aren't able to complete PDHs for whatever reason.	2/29/2024 7:18 PM
12	Most PDH courses provided seem to be general/survey and not of any real use. Careers are too specific for such one-size-fits-all training.	2/29/2024 4:42 PM
13	I do not support PDH's since we already spend 40+ hours a week continuing our education.	2/29/2024 4:25 PM
14	I do not think it should be required.	2/29/2024 4:21 PM
15	I believe the requirements to obtain a California PE license are the most robust in the nation and already require licensees to be very well-versed, well-trained professionals. I strongly disagree with additional PDH requirements. If the state is thinking of adding more requirements, I strongly believe they should: 1) significantly reduce PE renewal fees as PDH requires extensive time and money 2) lower the requirements to become a licensed engineer in CA (the application process has become ridiculously complicated), and/or 3) grandfather current licensees so they do not have to fulfill the requirement. I also believe (if implemented), this requirement should be waived for people working in the private sector since the nature of their jobs self-developing in nature. Implementing PDH requirements would add an unnecessary burden on license holders.	2/29/2024 3:51 PM
16	Most engineering fields at private companies have an "industrial exemption" for PE license requirements (as in my aerospace case for Electrical Eng). The most obvious exception is the licensure requirement for Civil Engineering (and Land Surveying) field(s), for which related jobs (private and public) certainly have a huge impact on everyday physical public safety. So it is my belief that not all categories of licenses should be subjected to the mandatory continuing education requirement during each renewal. The subtopics of each licensure field are varied for a particular field's continuing education emphasis (i.e. if one is specializing in a subtopic). Other than verifying one's minimum accrued PDH hours, would the BPELSG board just be trying to ensure some "standardized" assumption that licensees are staying current (educated) in their fields enough to apply newly gained knowledge into their skillsets for safer designs? This would be aside from any top-level awareness dissemination of any new technologies, design applications, licensure/field rules/laws updates, (etc.) that are available as part of one's recurring paid-for society membership's publications, newsletters and emails/apps (e.g. NSPE, local city Society Chapters, etc.). Me being in a licensure "industrial exemption" work environment, I probably would not have pursued and maintained my Elect. Eng. PE license if there were a recurring CEU/PDH hours requirement. Coincidentally, I am also degreed in MBA and Project Management and am a member of the Project Management Institute (PMI). However, I've never followed through with obtaining the Project Management Professional (PMP) certification because of the such post-recurring continuing education requirements to renew. (though there's probably a better argument for recurring education for PMI's available certs with not being a traditional science/engineering-based field). So, I'm also FCC licensed in General Radiotelephone Operator and also Amateur Radio ("Ham") Operator. I bring it up because the latter Ham license was obtained after the license's Morse Code requirement was made optional around the early 1990's. This was done because the quantity of Ham licensees was greatly decreasing, but there were many people who wanted to simply use the "voice" bands and not the "morse code" bands at the time. As the Ham Radio operator community was dwindling, other company entities approached the FCC to inquire about a re-designation of certain Ham Radio frequency bands to other uses (a time when the frequency spectrum "shortage" made bands a premium). It was making it more difficult for the ARRL organization to engage legislative law makers and the FCC with justification to preserve existing Ham Radio frequencies for a dwindling community. Well, the removal of the morse code mandatory requirement changed all of that, and the community had soon greatly expanded and helped its own interests. Now, I can't speak to some kind of similar membership data comparisons for also obtaining (or not) the aforementioned PMP Certifications outside of how the mandated continuing education requirement affected my own choice to not get certified (though again, there's maybe a better argument for such a field to have a recurring continuing education requirement). So back to full-circle for BPELSG board's consideration of mandatory continuing education requirement. I would not want to see a reduction in the engineering licensee community due to a new recurring PDH hours requirement. It has been observed on a recurring basis of the many law challenges/requests at various state and national legislative levels by professional engineering organizations to protect the interests of the professional engineering	2/29/2024 1:33 PM

fields and public safety thereof. It would seem having the greater weight of large organization/society licensees/memberships backings will impact the successful achievements of those challenges. And of course, there are simply all those great intra/inter-collaborations of the various large professional engineering communities themselves. ;-)  
Anyway, this is just my "two cents" here.. ..well okay, maybe a "whole dollar"!!! :-) Thank you!

17	I'm retired and am not interested in this. However, if I was still working, it is a good idea.	2/29/2024 11:45 AM
18	I support mandatory continuing education for license renewal, to ensure CA professionals keep up with the latest industry standards.	2/29/2024 11:31 AM
19	I do not support PDH's for engineers who have more than 20 years experience.	2/29/2024 11:27 AM
20	There is no substitute for REAL on the Job work experience. Although with new emerging technology/methods, sometimes there is no time to learn/get familiar with them during WORK hours. SO I say YES mandatory continuing education	2/29/2024 11:27 AM
21	Mandatory continuing education would burden staff (who may or may not be recent graduates) with studying for 6-8 hour long exams (that a lot of people do not pass the first time) that often require months of preparation and paying for expensive as well as demanding courses. Work experience and training should be sufficient to help staff carry out their basic work. Continuing education should continue as a mean for those who seek promotion or management positions rather than to keep their positions.	2/29/2024 9:28 AM
22	I have several PE's across the USA and CA is the only one that does not require PDH. It is essential to stay sharp in the field of practice and I always learn (or re-learn) when I do the training.	2/29/2024 8:49 AM
23	As one advances through the engineering field, many find positions that do not require one to practice one's engineering skills, such as project management.	2/29/2024 8:33 AM
24	The Board should not consider continuing education.	2/29/2024 8:07 AM
25	I have continuing education for other licenses.	2/29/2024 7:57 AM
26	I disagree that mandatory continuing education should be required.	2/29/2024 7:55 AM
27	I'm working in cayman island. I need to apply. PE license and I have 15 year experience in world wide , therefore could not apply USA PE license. If you assist other near countries engineers also lean more for technologies. Thanks	2/29/2024 7:52 AM
28	I do not see this requirement as being necessary	2/29/2024 6:01 AM
29	No, as long as your work is connected in what you taking up/graduated.	2/28/2024 11:22 PM
30	I am currently a licensed civil and structural engineer in Nevada. Nevada has a continuing education requirement. I have found that fulfilling this requirement has been a waste of time. Many continuing courses are expensive and a waste of time. There are no standards or quality control.	2/28/2024 4:23 PM
31	Training should be encouraged but not mandated for keeping the license.	2/28/2024 3:19 PM
32	I do not believe pdhs should be required as part of maintaining my license. If it is implemented it should only apply to new licensees.	2/28/2024 12:48 PM
33	Requirements for professional development should be met by working in the appropriate professional field. Continuing education should not be mandated.	2/28/2024 11:08 AM
34	The practice is more specialized and the classes are more general. There is no requirement that the training be pertinent or applicable to the current professional work. In other field when required professional development deadline is approaching, the person looks for the easiest one to take. For example closest to their home or near a relative or friend they could stay with. Otherwise they look for a class that is in an area they would like to travel to. For example, training classes in Las Vegas or San Diego Also if a structural engineer was working on complicated structural design, there would not be continuing classes in that area. They could take a class on open channel flow that could fulfill the requirement but have no application to his current work. Additionally, once it starts, the companies providing the training will lobby for requiring more hours. They will make more money providing classes for "public safety." It doesn't really provide any increase in public safety. There are some occupations that have constant changes in laws and regulations that would require training to keep current. Others	2/28/2024 10:52 AM

	may have changing technology that requires specialized training. I don't believe engineering should require professional development hours. Some engineers move to management where they deal more with financial aspects and coordination of other workers. They may have to take technical classes of no use to them to maintain their professional license.	
35	PDH requirements seem unnecessary to me. For me, figuring out and meeting the stringent Title 24 requirements, that is proof enough of an engineer that has stayed current with his professional development.	2/28/2024 2:41 AM
36	I understand it, but I have them with all my certs and it means I have to do quite a bit of extraneous training annually and it is usually on my own dime and time.	2/27/2024 11:51 PM
37	I work for the State, I already have opportunities for continuing education via both mandated and elective training. In addition, my professional society offers webinars and interaction with both the scientific and technical communities. I routinely receive electronic bulletins that address changes/innovations in my field. I can read the journals just as easily as having some "expert" tell me what I should know. Honestly, my free time is already limited and having to pay exorbitant fees for 3 CEUs through UC Extension, ASCE, or one of the other universities/organizations and/or companies is not justified for a questionable return on the investment.	2/27/2024 9:09 PM
38	Standardized education would be great, emphasis on best practices. Would be great if it could extend to EITs as a lot of young engineers do not have access to this type of training	2/27/2024 6:52 PM
39	As PEs, we are always constantly learning and adapting. We are responsible for being up to date on codes and requirements and are ethically bound to make sound decisions. Having a PDH requirement will add unnecessary burden to PEs in having to take approved courses and to document it. Simultaneously, it also adds administrative fees to administer and ensure these requirements are being made. I doubt there's any real value in requiring PDHs in the outcome to the work PEs in California do.	2/27/2024 5:38 PM
40	I am opposed to the imposing of more Government requirements on the freedom of professional engineers to practice their profession. As licensed professionals, we well understand the importance of keeping up with the latest knowledge, new skills and responsibilities required in our practice of the profession. If we don't keep up, we can become obsolete and no longer competitive in a difficult and highly competitive world. We also well understand the possible consequences of financial liability and loss of license. More government requirements will not guarantee professional engineers' better performance and better safeguard of the public interest. My experience with my other PE license in Puerto Rico validates that opinion. The PR PE Licensing Board requires the annual completion of a specific number of continuing education courses. Although I annually met such requirement, I found that my own independent research and study of technical publications and videos, applicable to my area of practice, were more valuable than the CE courses that I took, as required by the Board.	2/27/2024 2:57 PM
41	I do not support. We get enough training and knowledge through work.	2/27/2024 2:29 PM
42	In my opinion, the educational value of most programs that provide these credits is not always applicable to licensure, so much as it is to industry/market trends, vendor products, etc.. While many programs offer valuable insight for folks within the industry, I don't believe these PDHs obtained would truly benefit what the license enables engineers to practice.	2/27/2024 2:19 PM
43	Makes sense more than requiring Civil Engineers to take seismic and surveying...	2/27/2024 1:48 PM
44	Our practice requires plenty of continuing education already. Don't burden us with a bureaucratic tracking system for something we already do.	2/27/2024 1:31 PM
45	For other certifications that I hold that require professional development hours, due to time constraints, I find the easy path to meet the minimum requirements. It feels like I am just checking a box rather than trying to develop in earnest. If PDH's become a requirement, please be very broad in what is allowed so that licensees can find courses that provide value.	2/27/2024 1:18 PM
46	Do not support PDHs due to time requirement and additional fees. Continued education should be encouraged, not required.	2/27/2024 1:10 PM
47	A small amount of PDH hours would be beneficial for licensed engineers. However, a high price of renewal fees and/or class fees is a deterrent to achieving those hours. If there is a way to encourage PDH hours for free or low cost, that would be the best solution.	2/27/2024 1:02 PM

48	Tracking PDH's will create unnecessary burden for the license holders which eventually time spent. Additionally, most organizations in California do not provide PDH's as of now and it will be time consuming to create the infrastructure.	2/27/2024 12:45 PM
49	I do not think PDH's will increase an engineer's knowledge. Engineer's learn throughout the year in all sorts of ways and there is no need to add another requirement for something like this. Sounds like a way for the State of CA to charge more for renewal and claim it cost more to cover a continuing education program.	2/27/2024 12:17 PM
50	We continually have to educate ourselves to stay in business and stay up with code changes. To require additional time away from design and engineering is only going to further result in deficiencies in our work. Errors are continually being made in design now from lack of attention to detailing and more specifically taking time to have to submit unnecessary paperwork to satisfy the plan checkers and answer questions to builders who can't don't have enough specific details not being provided.	2/27/2024 12:14 PM
51	The nature of continuing education is satisfied by some areas of the profession on a daily basis. Therefore, it may to be broad an action to require all license holders to satisfy this new requirement, when it may only benefit and pertain to a minority of the population.	2/27/2024 12:02 PM
52	We already have enough to deal with as is at our jobs. Adding PDH requirements would just make it more stressful and impact the quality of our work by having another requirement to get out of the way.	2/27/2024 11:34 AM
53	My experience working in states that require PDH's indicate that as engineers we still take same amount of courses or lectures that would qualify as PDH's, however we just don't file the paperwork that comes along with it. Corporations are driven by billable work and my experience shows that those PDH's become "extra circulars" that the engineers ends up having to take in their personal time.	2/27/2024 11:24 AM
54	I already need PDHs for my license in a different state. Having them in CA would likely make earning hours easier for me since they would be offered at more local events in CA.	2/27/2024 11:21 AM
55	It is already difficult for many up and coming engineers to get their license in california. This will add to the difficulty of increasing the number of people interested in pursuing a career in civil engineering.	2/27/2024 11:07 AM
56	reduce fees	2/27/2024 11:05 AM
57	I believe that engineers should already aspire to learn new things everyday on the job and outside of work.	2/27/2024 11:05 AM
58	This is unnecessary to protect the public and an unfair waste of time and money for the regulated professionals. Can you cite even one example of where a member of the public was seriously injured by incompetent practice by a registered engineer who was well intentioned, diligent in their work and yet had that engineer merely had the benefit of some bureaucrat's continuing education program that the injury would not have occurred? No. Failures due to faulty design may have occurred but more likely for lack of due diligence or other deficiencies that no continuing education program could ever influence. More expansion of the deep state bureaucracy.	2/27/2024 10:10 AM
59	The types of courses and other learning opportunities that qualify as continuing education can often be very limiting and make the hours difficult to achieve. They often lack practical application. I believe accountability in engineering is very important; we are responsible for designing infrastructure integral to our own communities. Tracking continuing education will not lead to accountability, nor will it improve the quality of engineers.	2/27/2024 7:49 AM
60	Professional development has turned into a costly industry charging exorbitant fees and valuable time with negligible benefits.	2/27/2024 7:17 AM
61	Supportive as long as it is not cumbersome, too costly or too time consuming.	2/26/2024 5:12 PM
62	Continuing education is achieved through on-the-job training each day. PDH requirement is simply not necessary.	2/26/2024 4:41 PM
63	As a PE, I, and my colleges are continuously engaged in engineering design, requiring professional development including researching best practices and new technologies. Implementation of a mandatory continuing education requirement may only introduce yet another fee for the Engineer, Surveyor, Geologist, or Geophysicist.	2/26/2024 3:12 PM

64	At this point mandatory PDH sounds like a "solution in search of a problem". The Board should first identify what, if any, specific problems or deficiencies mandatory PDH would correct. Mandatory PDH should not be implemented for reasons such as it "sounds good" or "other states do it".	2/26/2024 2:06 PM
65	If the Waterboards implements mandatory continuing education requirements, the Waterboards should provide the continuing education requirements as part of the job. The Waterboards should also help provide assistance to obtain the EIT and PE.	2/26/2024 8:57 AM
66	Is there a problem what is the problem or is it just another way to enforce fees.	2/26/2024 7:38 AM
67	You mentioned you will focus on the advancement, extension, and improvement of the technical aspects and professional skills of the licensee. Will this mean that the licensee will need to attend ABET accredited courses or what sort of certification will the course need? Also, you mentioned enhancement of professional ethics but if people are already unethical and think logically in their mind's that they are okay with that what education will change their mindset?	2/26/2024 7:31 AM
68	I'm hoping that the Board will provide opportunities each year to obtain PDHs directly from Board provided trainings on both ethics and explanations of the various laws surrounding licenses and practice of engineering.	2/26/2024 5:32 AM
69	I'm very disappointed that the Board is even thinking about considering implementing PDHs. In the state of CA, we already have to take separate surveying and seismic exams. Those are enough. We also already learn various engineering techniques and guidelines while on the job. We don't need any PDHs to learn what we already know.	2/23/2024 6:52 PM
70	This is an additional cost to licensees that is not justifiable and only serves to fill coffers of CEU providers. Quick review of costs for PDHs shows that 1 hours goes for \$200+ which may amount to almost one month salary being dedicated to obtaining required number of hours. Employers are not going to subsidize this cost. This is an unconscionable burden while benefits are minimal. Board has not provided any data showing licensees not keeping themselves up to date on their area of expertise. One can educate themselves by reading and not just by attending high-cost seminars that typically do not provide more information than what is already available through self-education. Board should abandon this initiative.	2/23/2024 4:08 PM
71	As one would hope one's physician would be continually learning, one would hope engineers are continually learning.	2/23/2024 3:25 PM
72	Professional Engineers are constantly learning, attending training, webinars and conferences. I don't feel that this is necessary and will just add expense to already otherwise ongoing continuing education.	2/23/2024 3:05 PM
73	With the continuing advent of new technology, equipment and processes, one has to keep up with the training and knowledge requirements to be competent in their respective field, which translates to at least "home" study and/or manufacturers training, which can equate to many hours over a year's time.	2/23/2024 3:03 PM
74	I believe CA is one of only 2- 3 states that do NOT require PDHs and I think it well past due.	2/23/2024 1:45 PM
75	it is additional time and money on the PE license that is absolutely not necessary as the work itself is practical training everyday.	2/23/2024 1:07 PM
76	Mandatory, no! Recommended, yes!	2/23/2024 12:14 PM
77	One of the current board members appointed by the governor should have been disciplined by the board before he was ever appointed. The current clsa president was the worst county surveyor Fresno County ever has been in that position. Continuing education in the profession should be a personal choice not the boards once you have achieved your license and have stayed in good standing.	2/23/2024 12:01 PM
78	I am licensed in six states that require continuing ed, along with CFEDS. Continuing Ed is neither a giant weight to bear or cost. The policy of One-Test = One 'forever license' in a profession, & world for that matter, that is constantly changing, is simply ridiculous. The simple act of attending professional organizations such as CLSA, would generally satisfy most states requirements - and who knows, a person might learn something of value while doing so.	2/23/2024 11:30 AM
79	I don't think the possible benefits of implementing this would be worth the negative effects to licensees. It doesn't sound like a practical concept, and I don't understand what outcome this	2/23/2024 11:26 AM



requirement could be realistically expected to produce or what problem the Board is trying to solve. In my experience, most of my development in areas important to maintaining a license has come from on-the-job experience and mentorship. This reality is reflected in the Board requirements to obtain the license in the first place. In concept, continuing education sounds good and it can have value at times. But there's a wide range in the effectiveness and relevance of the various educational options. Having participated in many events that might be considered continuing education, they are not necessarily directly related to improving professional competence in one's core job duties, and many are prohibitively priced. So requiring regularly scheduled continuing education will result in an extensive administrative burden associated with finding qualifying classes, scheduling conflicts, possible travel, sign ups, memberships, payments, haggling over employer reimbursements, reporting to the Board, etc., all for what is likely an indirect benefit at best. It's not hard to imagine licensees having to waste considerable time on this only to sign up for irrelevant education just to fulfill this requirement and "check the box". This in itself would have negative effects on professional development and work experience.

80	Continuing Education should be mandated in order to protect safety and welfare of the public. It will also help keep licensees up to date on current revisions to applicable laws that affect them.	2/23/2024 10:31 AM
81	Continuing Education is essential for licensees to maintain competency in their respective disciplines.	2/23/2024 10:28 AM
82	I do not think the Board should require mandatory continuing education. This requirement would target and negatively impact women by discrimination. Women who are licensed and take time off after having children whether on maternity or a season of leave would be discriminated against, which I don't think is fair. If the Board ends up deciding this should be a requirement, I think active work hours should be used in lieu of formal continuing education. If a licensed professional is out of work, then required courses that are paid by the board could be used to continue licensure.	2/23/2024 9:32 AM
83	While i support continuing education, it should not be mandated, because it already happens on a daily basis with on the job training, training courses related to departmental rotation programs, loan assignments, temporary assignments, and cross-training as part of operational needs, and succession planning. Continuing education are already provided by various professional societies and in part with long-standing working relations with colleges and universities. To that end, self-certification and policing should fall on the us, the professionals.	2/23/2024 9:27 AM
84	Continuing education would be beneficial to licensees and the general public, provided that the continued education is within the licensee's scope of work. For example, I have no background or completed coursework relating to Seismic Analysis or Surveying, yet to get licensed as a Civil Engineer in CA the board requires I study these topics, even though it is highly unlikely I will ever use these topics in my line of work (Water Resources/Environment Engineering).	2/23/2024 8:02 AM
85	Mandatory continuing education is not necessary.	2/22/2024 6:44 PM
86	PDHs do not benefit the engineer or the community as they are intended.	2/22/2024 2:14 PM
87	I think it's a great idea (in theory) and have always wondered why California doesn't require it. As civil engineers, we directly affect the health safety of the general public, so our license to practice should reinforce a commitment to always learning and improving ourselves, as opposed to allowing us to get too stuck in our ways. However, in practice, requiring PDH's does not actually mean that people will learn from them, there will always be a large amount of people who will just do the bare minimum to meet the requirement without paying attention to the learning. I believe that continued education is necessary, but the current practice of PDHs is flawed. I also think that, if implemented, this should not increase our renewal fees at all. We will already need to pay money to take the classes, and we'll be paying with our own time and effort to meet the requirement. A new requirement like this of the CA BPELSG that will already cost us more to do should not cost any additional fees to implement.	2/22/2024 1:45 PM
88	I think as a future professional engineer, I would like to not worry about PDHs after getting my license. It is a huge time commitment to study and take the PE and other correlated exams.	2/22/2024 1:41 PM
89	The Board should not consider implementing mandatory continuing education. It is very hard to pass the examination. Engineering is very broad and we develop additional skills by working not by studying.	2/22/2024 12:52 PM
90	Continuing education is a good thing, but CE courses outside of one's employer are often very	2/22/2024 12:13 PM

expensive. A legislative mandate will only make these more expensive due to the demand, so any requirement would have to be really clear as to purpose and need. The engineering profession is so broad that it is difficult to see how CE could be really effective in something that is short and concise for busy professionals. I want to see more details before getting behind such a requirement, and I certainly don't think it should cost people more to administer a licensing requirement.

91	Shouldn't	2/22/2024 11:37 AM
92	keep as is	2/22/2024 11:22 AM
93	I don't agree with this requirement, as our lines of work as engineers, surveyors, etc. are extremely different spread across the board. There's such a wide range of disciplines, it would be impossible to cover what education each person needs to fulfill.	2/22/2024 11:12 AM
94	I learn more in my every day real world experiences as an engineer than I would in a manufactured online course.	2/22/2024 11:03 AM
95	I do not support the PDHs because I currently benefit from on-the-job continuing education every day in my work. My work organization provides me training related update standards every year. Therefore, I believe that I always have continue education in my career.	2/22/2024 11:03 AM
96	with nearly 30 years of experience in Construction Management, Contract Administration and as a state employee, I do not agree with mandating PDHs. The diversity in Engineering roles would requires such a broad spectrum of realistically viable alternatives that providing supporting documents, reviewing them to qualify the experience as valuable just seems like an overwhelming duty and would require extensive research staffing needs.	2/22/2024 10:59 AM
97	this is a bad idea	2/22/2024 10:46 AM
98	I think it's high time CA got serious about continuing education/professional development, especially for Land Surveyors. I suggest you look next door to Nevada for some ideas on how to implement it.	2/22/2024 10:35 AM
99	I also have a Nevada PE license which requires something similar to the continuing education requirements (PDH), and I will wholeheartedly say that it is a worthless requirement. It does not increase public welfare, because I simply go through quick online courses in order to get the completion certificate to maintain my Nevada license. People will skip through online courses to get to the quiz, which they will then use Google to answer. It does nothing for me.	2/22/2024 10:18 AM
100	There should not be any mandatory continuing education requirements. The system as is has successfully existed for decades, making a change to add PDHs will not yield any real benefit.	2/22/2024 10:14 AM
101	I have seen PDH requirements for several other licenses, etc. and the benefit to the individual is very limited as the objective simply becomes checking the box for gaining the hours and not really enhancing knowledge. In my opinion the benefit to the profession is extremely limited.	2/22/2024 10:08 AM
102	Engineering as a whole is a tough profession to get into. Because of this, we have seen a downward trend of people willing to be engineers. Adding another layer to an already difficult process would likely cause more disinterest in the profession.	2/22/2024 9:57 AM
103	Staying abreast of current engineering topics or changes/updates to codes and regulations is an important matter in our profession, and professional engineers, whether or not this is required, should be engaging in such matters nonetheless. Thus, requiring continuing education should not affect licensed engineers substantially and would be a change for the better.	2/22/2024 9:34 AM
104	I believe that professional development is hugely important. However, I believe that the professional development that, as a registered engineer, I get on a daily basis by working on projects with my peers and supervisors is far more beneficial than attending a seminar (or the like). Requiring specific professional development hours will have the opposite effect and actually take away from the time where I could experience real-world professional development by just doing the work.	2/22/2024 9:31 AM
105	schooling did not prepare me for any of the work in my career. it's too theory based and doesn't reflect any of the real-life problems or skills you learn while working in the career. school was only good for learning self-discipline, test taking, and time management but have not applied any other lessons learned in school.	2/22/2024 9:23 AM

106	Only if the California specific exams are removed, then I would be in support of PDHs.	2/22/2024 9:18 AM
107	I do not believe mandatory PDH should be required as real world/project specific experience is more value	2/22/2024 9:16 AM
108	CA already maintains some of the most stringent testing requirements for licensure in the country. Many additional certifications that are starting to be preferred (such as LEED & ENV SP) require PDH's to maintain the certification. Meaning many engineers are continuing education already. Amidst a shortage of engineers nationwide, I do not believe it is wise to add stricter requirements to maintain licensure. We are being asked to stretch our resources as it is and adding one more thing to our full plates may have negative impacts to the industry.	2/22/2024 9:14 AM
109	I am against the requirement of continuing education. I learn at my job on a daily basis and do not see the value in attending a course during work hours or after just to renew my license. I attend conferences a few times a year and do not want to spend more time at a course just to meet a requirement. Being employed at an engineering job should be enough to be able to renew a license--we shouldn't be required to attend a class just to meet a new "need". If someone has been employed as an engineer for a certain time during the period their license is active, they should not have to take continuing education.	2/22/2024 9:14 AM
110	California already has measures to ensure adequacy of engineering judgement by utilizing the survey and seismic exams for PE procurement. States that do have PDH's are only required to take the 8-hour PE exam. If the Board wished to pursue PDH's, then the survey and seismic exams should no longer be a requirement. there is no reason to add additional hurdles to a license that is already difficult to acquire.	2/22/2024 9:12 AM
111	Mandatory continuing education requirements would burden the license holders with completing accredited coursework outside of their working hours, likely without pay. Additionally, there exists a wide variety of niche career fields available to license holders. Therefore, the accredited coursework that is available will not necessarily be helpful for each license holder's career. If the support of continuation stems from the desire to protect the public against malpractice, perhaps a simple course catered to that area of concern can suffice.	2/22/2024 9:12 AM
112	In my experience, attending classes or seminars to acquire EDUs to maintain a professional license is not beneficial, and does not provide any tangible benefit to the person holding the license. If some sort of EDU is going to be required in the future, people that actively practice their license through their profession should be exempt or get credit to cover the required EDUs, as the actual practice of your profession provides well more knowledge than any EDU seminar or class will ever provide.	2/22/2024 9:10 AM
113	Part of continuing education in the engineering field is real world experience. I do not find value in PDH seminars and they very rarely translate to real world applications. I would strongly prefer PDH's are not implemented.	2/22/2024 9:02 AM
114	It is the responsibility of the Engineer to continue their professional development. Beyond the development, it will only become a point to acquire the appropriate PDHs, rather than learning anything new.	2/22/2024 7:57 AM
115	I think that our profession educates us because every project/job we do is different	2/22/2024 5:49 AM
116	In my opinion, the requirement to produce continuing education has both benefits as well as disadvantages. If the goal is to advance the knowledge base of the professional, then CEU do a poor job of that in its very essence. If this has be meaningful, that then will require the Board staff to verify and agree if the earned units actually benefit the professional. That will be similar to a "mini-case" professional license application every biennial. This only causes additional burden to the staff thereby increasing the cost of license renewal. Whereas the professional may simply be able to simply acquire the certification to meet the required CEU by taking courses (or not) even from a unrecognized websites. Continuing Education requirements have unfortunately never worked toward anyone's favor. If this requirement is being assessed by the Board due to professionals' lack of advancement of knowledge in the field of practice, then other avenues are available - for example to produce a minimum number of hours that were worked by the professional within the biennial renewal and to provide evidence of work as a write-up (similar to experience certification that candidates produce in their professional license application) and that experience be attested by a licensed supervisor. For self-employed or those who don't have a licensed supervisor, to have the same attested by a licensed co-worker or colleague or a licensed client. Only in the rare case of someone unable to meet the	2/21/2024 11:50 PM



minimum work experience hours within the 2 year period, shall be able to substitute it with CEU. Making CEU a general requirement benefits no one.

117	I feel that mandated PDH don't further your knowledge as it's just something to check a box. Those in the field attend classes and seminars in fields they specialize in to further their knowledge not to meet a minimum requirement.	2/21/2024 10:02 PM
118	Other states require it is not sufficient justification for implementing in the State of California. Do our rates of negligence and misconduct claims warrant PDHs? Practicing Engineers that stamp and sign at least one document per year in which they were in responsible charge should be exempt from any mandatory PDH.	2/21/2024 5:23 PM
119	I believe it is a good idea for engineers to engage in continuing education as new technologies, methodologies and procedures are developed.	2/21/2024 4:59 PM
120	I believe engineers should be considered "professional" in the same sense as doctors and lawyers. Other professions require continued education and engineers should be held to similar standards. Furthermore, Engineers should be required to attend a professional school (post bachelor) similar to law or medical school.	2/21/2024 3:51 PM
121	It is a further cost in time and money with no real benefit to the end consumer.	2/21/2024 3:09 PM
122	PDH's should not be mandatory.	2/21/2024 1:55 PM
123	This is the way third party making money.	2/21/2024 1:01 PM
124	All government agencies and even most if not, all private companies provide job related continue education for their employees. Implementing mandatory continuing education by the Board will be a burden for States, employers and the license holders and would significantly impact productivity due to loss of time, as well as turn away future license seekers to apply for license. Many license holders are planning to stop renewing their licenses because there are no significant pay benefits between having a license and those without license. In addition, having a license adds more responsibility and liability for license holders and employers usually put more responsibility for the license holders but with bare minimum compensation.	2/21/2024 12:31 PM
125	Continuing education should not be a legislative-mandated requirement. Requirement for professional development should be met primarily through working. Continue education opportunities should be provided through the various professional societies in cooperation with institutions of higher learning. Self-certification and policing is encouraged.	2/21/2024 9:15 AM
126	I taught at UC BERKELEY AND AT U OF IOWA i recommend thqt engineervolunteer to teach AT COLLEGE RaThER THAN Tke CONTINUING EDUCATION.	2/21/2024 9:10 AM
127	Useful training is job- and career-specific and mandating hours will force staff to use resources to attend easy trainings from a scheduling and location standpoint, at a cost, that are less valuable than seeking out courses that are beneficial to their work on a flexible timeline.	2/21/2024 9:04 AM
128	I feel that engineers have continuing education already without it being mandatory. In my office, I continually take courses to further my education. Additionally, engineers have to constantly educate themselves on new and/or updated codes/laws. Therefore, I do not thing a mandatory CE is necessary.	2/21/2024 8:30 AM
129	Professional development hours as a requirement only serves to increase the cost of our profession without any concrete benefits. In this time of inflation why is the board instituting a measure that will financially impact its members in a negative way.	2/21/2024 8:04 AM
130	Continuing education for professionals that have been on the job for years or decades have very minimum to learn in their already established and specialized in their field.	2/21/2024 8:00 AM
131	This proposal will require multiple hours to complete the required PDH's each licensing period. It is already difficult to hire and retain engineers. This proposal will simply add to the difficulties. This idea could push the engineers that are approaching retirement out of the profession earlier.	2/21/2024 7:16 AM
132	as PECG has stated I am continually learning new topics and refreshing old topics as a necessity to my job. Having the board require additional PHD will cost more money and time.	2/21/2024 6:56 AM
133	Best engineers learning is from working on real world cases and solving real issues with other engineers together, not from lectures/videos/seminars, etc. PDH is not really helping anyone learn what they need for their specific job!	2/20/2024 8:09 PM

134	I am a member of a professional association that sends me emails of updated building codes, and other regulations to help me do my job. I disagree on continuing education because they have a limit of attendees in each class/conference, registration deadlines, and high costs for tuition, fees, travel, and transportation. Living costs increase each year, but our salaries do not increase to match it. Mandating continuing education would not be cost effective. I heard the Board already takes a long time to review applications, why add on continuing education for thousands of licensed professionals? My coworker recently achieved his Chemical PE license and only got a 5% raise which is not much in today's economy with rent over \$3000 a month in LA County.	2/20/2024 5:26 PM
135	I complete many hours of PDHs each year as part of my professional development. I do support them, but as optional. Some are good but many are worthless and provide no value. I am not sure making them mandatory and then people submitting PDHs of no value to their field is worth the time and effort for the board to track them. Some states require them, but the engineer is to keep their own records, they are not submitted to their board. If they are required, this may be a better option.	2/20/2024 5:26 PM
136	Most of the courses that offer PDHs do not seem match the field that the engineer current practicing in.	2/20/2024 4:55 PM
137	Continuing Education is essential to protect the welfare and safety of the public.	2/20/2024 4:51 PM
138	It might be useful for "practice" disciplines, but not for "title" disciplines.	2/20/2024 4:42 PM
139	Yes it should to keep us updated	2/20/2024 4:32 PM
140	I support PDHs because it is important to keep up to date with our profession. Acquiring PDHs could be costly to the licensee if the employer does not cover the cost of these trainings.	2/20/2024 4:31 PM
141	Encourage voluntary PDHs, not mandatory	2/20/2024 4:20 PM
142	Working for the State of CA, we have built-in required professional development and continuing education programs, so I am against any new requirement.	2/20/2024 3:50 PM
143	no	2/20/2024 2:33 PM
144	Many of us are required to get continuing education hours through our employer, so I do not think it is necessary to require addition PDH's beyond this.	2/20/2024 2:08 PM
145	On-the-job training and continuing education keeps me attuned and up-to-date with my specific engineering background.	2/20/2024 2:08 PM
146	Don't do it, no to mandatory continuing education. I have done it for Florida and Texas. The material is irrelevant, and the time and cost are very high.	2/20/2024 2:07 PM
147	I support PDHs. As a state worker, training opportunities related to professional geology can be limited, especially during times of reduced budget and resources (such as now). The requirement for PDHs would improve my access to training to keep me up to date on the latest developments and refresh my memory on longstanding practices.	2/20/2024 2:07 PM
148	Implementation of this program would increase costs for the BPELSG and individuals in an already inflating economy. This will be passed along to clients and tax payers (County, city, State and federal employees) for example. The benefit is undefined and may not be necessary since most of the needed education is on the job and is required for many, especially those in government positions. To be penalized for missing unneeded mandatory continuing education is ill advised and may not be thought through. Will we lose our license if we miss the hours? Will be pay a penalty fee? The costs for education can be thousands of dollars a year for something that is not justified. Are licensed engineers, geologist, land surveyors being found to be incompetent due to lack of education? This would be the only justification and it has not been communicated to those that are licensed that a problem exists, probably because there is no problem. This seems like some special interest party has lobbied the Board to require something that is not necessary and will be a burden for time and money. Especially for government employees that has many required trainings that already require hours per year for education.	2/20/2024 2:01 PM
149	I do not think mandatory continuing education for PGs is a good idea due to the extra costs to licensed PGs for course costs and increased BPELSG fees. Practicing PGs get adequate on-	2/20/2024 1:27 PM

the-job training in my experience. I currently work for the State of CA and get abundant training.

150	do not recommend- burdensome, expensive and wouldn't be helpful	2/20/2024 12:46 PM
151	In my opinion Licensed Engineers should not be required to complete mandatory continuing education. Many Engineers spend a lot of hours at work using their engineering skills. Also, civil engineering has so many disciplines, but most are only focused on 1, or 2 disciplines. Many Engineers who are in Management positions rarely use their engineering skills.	2/20/2024 12:15 PM
152	I was in consulting for 12 years. I've been with the state for about 4. My day-to-day duties have always provided substantial training. In consulting, I had to find time outside project budgets to learn necessary skills. My experience was not unique. As a public employee, my job and authorities are clearly defined by statute. This is true for most public employees. And most of us know more about the statute that defines our roles and authorities than any external trainer. In all my experience, conflict of interest was always a much bigger threat to the practice of geology than inadequate ongoing training. I'd be willing to pay more for the Board to ramp up consequences for license holders who perform unethical work. In my experience, this was especially problematic in environmental and groundwater consulting. In these areas, statutory and regulatory requirements were typically a burden on clients, so project managers would push for client-friendly analyses/interpretations. Sometimes, this push would include analyses/interpretations that were clearly disingenuous, dishonest, or blatantly technically unsound. These were not training issues. These were ethics issues. These were issues caused by trying to do evidence-based work within capitalism. I would view ongoing training requirements as mostly performative. They would bring an appearance of fostering technical excellence while ignoring the fundamental problems that actually undermine technical excellence. I strongly urge the Board to not consider ongoing training requirements at this time and instead consider how it can better prevent unethical, client-friendly work being done by its license holders.	2/20/2024 12:07 PM
153	It would help keep us sharp	2/20/2024 11:42 AM
154	I was a PMP for many years. The continuing education program for that license was a way for educators to earn additional money, and was not helpful to me. As a practicing engineer, I use knowledge and skills that were part of the licensing exam every day. I do not believe that we need to have mandatory continuing education.	2/20/2024 11:42 AM
155	I work day in day out on highly technical geologic work that involves oil and gas operations. I consistently use my expertise to make decisions that will protect the environment and public health and safety. I therefore believe that additional PDH would take time away from providing that public service and would indirectly harm the state of California.	2/20/2024 11:32 AM
156	We as Professional Engineers do NOT need continuing education to remind us what is right and wrong. We are Professionals and already have very strict rules, ethics & regulations at our work places. We do not need this to remind us about our responsibilities and duties towards the public safety, we are Professionals.	2/20/2024 11:27 AM
157	we already attend multiple trainings per year as well as exercise engineering practices daily. Additional mandated requirements serve no purpose.	2/20/2024 11:12 AM
158	Requirements should be met by working on your own engineering field, not by taking some online course or socializing at a conference.	2/20/2024 11:03 AM
159	I am a PE in several States. Many of them require PDHs and in my 30 years of experience I haven't come across a single continuing education course that was worth the time or the expense.	2/20/2024 10:54 AM
160	I consider on-the-job training as adequate training for the field of engineering and do not think Mandatory Training which burdens already over worked Professional Engineers to be practical.	2/20/2024 10:31 AM
161	Currently as a State engineer, we benefit from on-the-job continuing education every day in our work. We must also meet a number of profession and State-required certifications, trainings, and other mandates as part of our employment.	2/20/2024 10:29 AM
162	Almost all other states require this, and employers will never pay for it in CA until it is mandated.	2/20/2024 10:16 AM
163	Do not implement mandatory CE. Question 3: \$0 Question 4: 0 hour	2/20/2024 10:11 AM

164	As a structural engineer, I am continuously reading codes, technical articles, and other publications. I do not need a mandated program in order to maintain my engineering skills, knowledge and ability.	2/20/2024 10:07 AM
165	I oppose a legislatively mandated, board-imposed program that comes with additional fees and time requirements. State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment.	2/20/2024 10:02 AM
166	I get 10 hours of continuing education every day that I work	2/20/2024 9:53 AM
167	As a practicing licensed civil engineer and the way the industry works, engineers are continuously learning and developing through their practice, work, and projects. No formal education is necessary, it may in fact be detrimental to the current work and experience gained by working and practicing. I believe no mandatory PDHs should be required.	2/20/2024 9:40 AM
168	Professional Engineers have on-the-job continuing education, don't feel a need for PDHs. BPELS could direct licensees to take online course for free as mandated by State Legislatures.	2/20/2024 9:39 AM
169	every organization requires their employees to take part in professional training courses. Also, day to day work experience is far more effective than the PDH	2/20/2024 9:30 AM
170	It allows registered engineers to maintain and gain knowledge of their specific fields however it'd be best if it was provided by employers perhaps 1-2 hour meetings once a month.	2/20/2024 9:26 AM
171	State engineers currently benefit from on-the-job continuing education every day in my work. I must also meet a number of profession and State-required certifications, trainings, and other mandates as part of my employment.	2/20/2024 9:20 AM
172	I think the snafu would be testing. As long as testing is not required, and only continuing education credits then members would be OK. Messaging this better would go a long way towards easier approval.	2/20/2024 9:13 AM
173	As practicing professionals, we are all learning and growing in competence throughout our careers, in the ways that support our area of work. I already take many hours of classes in a variety of areas every year, as I see benefit. By formalizing this process, the Board would pretend to know better than I do what I need to learn next to remain competent. This proposal would only create mandatory customers for politically-connected Continuing Education providers. It's a handout to cronies, enforced by others but paid at my personal expense. That's not how this should work.	2/20/2024 8:58 AM
174	I have a Nevada PE license as well which requires 30 PDH hours every two years. I would like consistency between state requirements, so I support the need for PDHs. That way it is expected and supported by management that I will need to obtain those hours.	2/20/2024 8:55 AM
175	Already big issue with Caltrans and PE engineers. Not enough PEs especially with the difference in salary between those without PE and those with PE. Adding another hurdle to maintaining PE licensure would exacerbate the problem.	2/20/2024 8:47 AM
176	We consistently learn on the job by following up-to-date manuals and regulations, no need to have mandatory continuing education.	2/20/2024 8:43 AM
177	It is my opinion that introducing PDH requirements in California would create an unnecessary paperwork burden for the licensees and for the Board. California already has the strictest requirements for licensees and some of the highest fees. It would only serve to increase amount of Board employees and inflate Board expenses. I have an additional license in another state that has PDH requirements. It has been my experience working in that state that most professionals there do not take the PDH requirements seriously and do the minimum to fulfill the requirements. Licensees there self certify PDH hours, and industry groups sponsor "conventions" where licensees can meet their PDH needs in a single day. These "conventions" are primarily social networking events and informal job fairs. If the Board wishes to promote the general welfare of the public, it should investigate re-testing licensees at an interval (every 10 years) or based on the age of the licensee (60 years old) to verify that there has been no skill atrophy from specialization or cognitive decline due to aging.	2/20/2024 8:43 AM
178	I oppose a legislatively mandated, board-imposed program that comes with additional fees and time requirements. I support on the job continuing education.	2/20/2024 8:30 AM

179	Even though I support professional continuing education, I oppose the Board implementing mandatory continuing education with additional fees and time requirements. My work place already have many on-the-job continuing education programs that I have to take to fulfill my job duties. A Board's mandatory program would add a heavy burden on top of all that.	2/20/2024 8:23 AM
180	Continuing education is helpful in staying current in your field of practice.	2/20/2024 8:13 AM
181	Required continuing education never seems to achieve the results it sets out to. I have previously worked in fields that required annual CE credits and the time spent completing those hours was not productive and little was learned. CE supports a cottage industry of third-party CE providers, is generally avoided until the last minute by licensees (or worse, overdue and hardships created by expired or suspended licenses), and the subject matter is generally quite basic. I think it would be more impactful to challenge the licensees time and experience on the job, and weed out licensees who have either performed part-time work for a period of time, or basically left the profession entirely.	2/20/2024 8:11 AM
182	I believe this continuing education program will not help public and create more obstacles for Engineers. I definitely disagree with implementing this program.	2/20/2024 8:09 AM
183	I do not support them.	2/20/2024 8:07 AM
184	no need	2/20/2024 8:07 AM
185	Lawyers and doctors have to do continuing education hours. I do not see why engineers do not do it already.	2/20/2024 8:06 AM
186	This is unnecessary as practicing engineers are already using their skills on a daily basis as part of their work and job requirements in their specific field of expertise. It appears this is just another way for the Board to justify collecting additional fees.	2/20/2024 8:05 AM
187	My state agency employer provides engineers with ongoing continuing training for free.	2/20/2024 8:00 AM
188	I feel with regular work and training seminars at my place of employment, and given that my particular field is rather technical, in nature, I don't have a need for PDHs.	2/20/2024 7:59 AM
189	I spend thousands of dollars in classes, applying and taking the exams in order to get my PE license. it is ridiculous for the board to ask for more training and on top of that ask for more money. Once we get to top range D, we only get raises through the union. I am already busy with my work duties for the board to ask for me to attend classes, when the state would most likely not provide me a raise seems like a waste of my time and money.	2/20/2024 7:59 AM
190	I don't support this	2/20/2024 7:48 AM
191	Have the board supply links to continual education webinars. Relevant research to current projects can be utilized.	2/20/2024 7:45 AM
192	I think if you are not currently employed in the field that you have your license in, then you should be required to participate in continuing education but if you are employed and working in that field then that is enough continued education through work.	2/20/2024 7:40 AM
193	It is another form of burdening licensed individuals that ensure that they are knowledgeable and capable of implementing their duties consistent with current standards of practice. Look at how well mandatory CEUs have done for our education system, 39th for Pre-K-12 and 43rd for higher education (U.S. News and World Report). Perhaps BPELSG should consider taking actions against those who choose not to remain current and practice professionally within their field(s) of expertise.	2/20/2024 7:38 AM
194	Please do not pass this it would negatively affect the profession and professionals in the Golden State.	2/20/2024 7:33 AM
195	Blanket requirements for PDHs is not conducive to everyone's work requirements or job duty statements. The current pitch for PDHs is under the guise of keeping PEs up-to-date on their work yet the Board and general public do not know the on-the-job continuing education PEs obtain every day in their work.	2/20/2024 7:24 AM
196	There is no need for mandatory continuing education since we benefit from on the job experience and training classes.	2/20/2024 7:18 AM
197	I think PDHs are an important part of continuing the professional development of a land	2/20/2024 7:09 AM



surveyor. If passed, I would encourage the development hours to include time with business ethics, new technology, state law changes, and survey education. One bi-product of PDHs is building a greater community as surveyors will then head towards conferences and the local organization, creating more time with other professionals, building stronger ties and a broader network.

198	I do not believe that this is something that should be mandated by law.	2/20/2024 7:05 AM
199	I do not want PDHs, my professional development is on the job and happens every day.	2/20/2024 6:57 AM
200	I oppose a legislatively mandated, Board-imposed program that comes with additional fees and time requirements. As a licensee in good standings, I am constantly reviewing technology to be able to perform my duties.	2/20/2024 6:55 AM
201	Continuing education occurs every day at work. We are constantly learning from our peers and our experiences. There have not been PDH requirements in the past, and they are not needed now. I think this is another way for the Board to take money from the hard working professionals.	2/20/2024 6:51 AM
202	Yes	2/20/2024 6:43 AM
203	Option to waive PE License for those Engineers with years of qualified experience and advanced education to allow upward mobility.	2/20/2024 6:42 AM
204	There is no evidence that I know of that requiring PDHs improve the service or protect the public in any way.	2/20/2024 6:32 AM
205	This would require more time and money to operate your business in CA. It's expensive enough.	2/20/2024 6:05 AM
206	The PDH course providers have become an industry by itself which I do not support. The Board should have clear guidelines for CE courses (mandatory plus licensee's focus area related). Most preferably, licensee's employer (vast majority is assumed to be employed) should have prescriptive CE courses which benefit the licensee and the employer. Board can work with a host of employers to see what CE programs they offer to employees and then devise a mechanism by which employers first approve the PE recertification courses as a prerequisite to the licensee applying for recertification.	2/20/2024 4:43 AM
207	As an active professional in civil engineering, I already feel like I am continuing my education in my respective discipline through my work experience. I also take trainings through work that expand my knowledge in my discipline. Further continuing education requirements would be redundant and lead to additional financial burden.	2/19/2024 10:05 PM
208	I oppose a legislatively mandated, board-imposed program that comes with additional fees and time requirements. As a State engineer, I currently benefit from on-the-job continuing education every day in my work. I must also meet a number of profession and State-required certifications, trainings, and other mandates as part of my employment.	2/19/2024 8:59 PM
209	In the interest of public safety, PDH's are important to facilitate ongoing competency. It's just as important to make it easy for the licensee to find qualifying PDH and be able to show proof or to log in the hours. Criteria for qualifying hours should be generic, allowing hours from other jurisdictions to also qualify for California, since a licensee may hold a license from another jurisdiction as well, and the PDH should qualify for both jurisdictions.	2/19/2024 6:13 PM
210	Not a good idea. PE's get more than enough continuing education through on the job experience in the area of their specialty. Mandatory continuing education would add unnecessary time and expense and spend the engineers precious time and money supporting the continuing education industry, taking coursework that would mostly go unused.	2/19/2024 4:07 PM
211	We currently benefit from on-the-job continuing education every day in our work. in addition to a number of profession and State-required certifications, trainings, and other mandates as part of our employment.	2/19/2024 3:48 PM
212	I am one of engineer for working for the state getting on-the-job continuing education every day in my work. In addition, I need to meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment.	2/19/2024 11:09 AM
213	Each of us are trained per needs of the filed that we work. It is not possible to have a uniform training for all engineers. Experience in Civil Engineer is as important as education.	2/19/2024 9:42 AM

214	I get continuing education every day i work. Mandatory requirements are nothing more than a money grabs by the BPELSG for administration and any course provider we would have to pay. I and many others do not support this at all.	2/19/2024 7:28 AM
215	I support continuing education but oppose a mandated program	2/19/2024 7:11 AM
216	As professional engineers are required to be competent in their field, that should be adequate without MANDATORY continuing education.	2/19/2024 6:58 AM
217	I do not think PDH would make me a better engineer. On the job experience is the most important aspect of a professional engineer.	2/18/2024 3:04 PM
218	It should not be implemented due to high cost	2/18/2024 9:11 AM
219	Most boards require their licensees do continuing education every-time their licenses are renewed. So to give more credit and respect to our licenses, we should do the same. That will enable the PEs to keep up with the new technologies and engineering methods and procedures.	2/18/2024 8:08 AM
220	As a working licensed engineer, I'm already required to complete 20 hours of professional training yearly for my job. Placing additional requirements and fees that don't add any additional value, only cost, doesn't make sense and should not be considered. I strongly oppose any additional CE requirements.	2/18/2024 8:07 AM
221	I support it, however, engineers benefit from on-the-job education every day in their work. If PDHs are implemented, I just expect no more than two days worth of training.	2/17/2024 10:57 PM
222	To me, it would provide opportunity to professional engineers to refresh their knowledge and become up to date in terms of codes and new engineering practices.	2/17/2024 8:39 PM
223	Do not	2/17/2024 2:18 PM
224	Every licensed professional engineer works in many different fields and have mastered their skills at work and doing this would just underscore the profession & bring moral down since we are all Professionals already and do not need to go back to school per say to prove that. So, yes, I totally disagree with this. I believe the board should have better things to worry than focus on this.	2/17/2024 1:45 PM
225	Many other states already require continuing education for Professional Engineers. I recommend implementing mandatory continuing education so that Professional Engineers (and Surveyors and Geologists) in California retain skills and training that is comparable to licensed professionals in other states.	2/17/2024 1:24 PM
226	I believe that the majority of problems which result in complaints to the board about the performance and competency of licensed engineers would not be resolved throuh continuing education credits. I think problem engineers basically lack a grasp of the fundamental principles which were taught in their bachelor programs (for cases rooted in technical issues). For cases rooted in ethical issues, I don't think any number of classes or trainings will change the basic make-up of un-ethical people - their problem is rooted in their personality, and you aren't going to train that out of them.	2/17/2024 12:28 PM
227	I am against it because engineers with licenses are getting their training through their jobs and practice. In my opinion there is absolutely no need for the board to regulate that	2/17/2024 11:48 AM
228	I think that PECG was mistaken decades ago to accept a policy opposing mandatory CE. In house training tends to be spotty and closely targeted without working to expand horizons . ASCE has a well reasoned and clear presentation of the challenges and rewards of CE. Let's go for it.	2/17/2024 10:23 AM
229	More information is needed on what professional development hours entail. It is important to remain up-to-date on the best available science and tools as occurs on the job, but finding training programs of sufficient quality that are not exorbitantly priced will be a challenge. Increased costs of maintaining license may ultimately restrict the number of good candidates in the practice. That is a net loss for the safety of the public who need our services as increasing climatic catastrophes impose on engineering disciplines.	2/17/2024 10:21 AM
230	We receive continuing education every day on the job. PDHs would only take away from our rare and valuable personal time.	2/17/2024 9:48 AM
231	On the job continuing work is adequate. We do updates on the codes and regulations every	2/17/2024 8:48 AM

three years.

232	My employer maintains a robust training program. Any pde requirements needs to accept training provided by the employer. Employer training is directly related to the work performed and more appropriate than most of the other training out there. Employer training is better focused on public safety than outside training.	2/17/2024 7:30 AM
233	too much going on	2/17/2024 7:22 AM
234	Professional Engineers (P.E.s), Land Surveyors (L.S.s), and Geologists (G.s) in California get continuing education (C.E.) every day on the job. A Legislatively-mandated, board-imposed C.E. program comes with additional Board fees and education course registration costs and travel costs to attend education courses and time requirements that are currently not reimbursed or any provision to allow State time to attend for any P.E.s, L.S.s, or G.s that work for the State. While I support C.E., I oppose any mandated C.E. requirement because it's unnecessary in California, and at the very least is premature to implement before Bargaining Unit M.O.U.s are approved that state that the State shall reimburse all State-employed professionals for the additional Board Fees, & the education course registration fees, & all of the associated travel costs to attend the C.E. Courses, & permit State employees to attend those C.E. courses on State time.	2/16/2024 11:39 PM
235	I strongly oppose a mandated continuing education program .	2/16/2024 10:33 PM
236	I believe it is invaluable to ensure engineers remain growth minded by few hours each year focused on continuing education.	2/16/2024 10:15 PM
237	Implementing a mandatory continuing education is just adding more cost to everyone without adding any additional knowledge. We already have a higher bar than other states by requiring engineers to have also take a seismic and survey exam which even the application to take the test is already a slow and drawn out process. Now having to submit additional documentation to prove continued education, the process will no doubt be much slower and at a more expensive cost to renew our licenses which already is something that should be done away with.	2/16/2024 10:12 PM
238	I advocating for Continuing education as PDHs from board approved providers! But mandate need to be explained in detail, what is expected and how!	2/16/2024 9:27 PM
239	There are numerous courses that engineers can take on there own as needed for continuing education without further requirements from the board	2/16/2024 8:45 PM
240	As one who manages a diverse workforce including licensed engineers, it is extremely difficult to find enough licensed engineers to perform the workload at hand in transportation. Adding additional requirements will only add another hurdle. Also, managers like myself are required to have their license but rarely if ever practice engineering. Finally, this state also has the most lengthy testing requirements of any state already. Please do not add PDHs. Thank you.	2/16/2024 8:29 PM
241	Continuing education should not be a legislative-mandated requirement for maintenance of professional licensing. As a practicing professional engineer, we already have on-the-job training and continuing education as part of our work.	2/16/2024 7:13 PM
242	It is a waste of time and money. Most of the "continuing education" taken will be taken just to meet the requirement.	2/16/2024 6:09 PM
243	If it ain't broke, don't fix it. We are practice high level engineering everyday at work We don't need continuing education to make us look like idiot engineers with IQ under 100.	2/16/2024 6:04 PM
244	Board should not mandate continuing education as my day to day work keeps me in touch with developments in the code and industry. Also, we have training offered through work already.	2/16/2024 5:48 PM
245	I believe PEGC's position summaries this clearly and I agree: "PEGC's position on continuing education is outlined in PEGC's Policy File and was established decades ago. While supporting continuing education, PEGC opposes a legislatively mandated, board-imposed program that comes with additional fees and time requirements. State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment. "	2/16/2024 5:36 PM
246	The board should not consider implementing mandatory continuing education. It will discourage people to pursue their PE license.	2/16/2024 5:32 PM



247	I believe California shall remain voluntary on PDH's	2/16/2024 5:12 PM
248	While supporting and participating in continuing education, I oppose a legislatively mandated, Board-imposed program that comes with additional fees and time requirements. State engineers, land surveyors, geologists, and related professionals currently benefit from and sometimes provide on-the-job continuing education every day in our work. We must also meet a number of profession- and State-required certifications, trainings, and other mandates as part of our employment. Board-mandated PDHs and the associated cost are ill-conceived and simply not necessary.	2/16/2024 5:06 PM
249	The California Board is hopelessly inept and behind the time. Requiring a few PDHs every year has been implemented in other states for years. The fact that this has just now come up in California is a tribute to the hopeless incompetence of the Board staff. A new director is needed and soon.	2/16/2024 5:01 PM
250	Most times PEs have to force themselves to attend conferences merely to satisfy this requirement. Best CE is on the job learning	2/16/2024 4:38 PM
251	State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work.	2/16/2024 4:35 PM
252	Should not be mandated.	2/16/2024 4:17 PM
253	I oppose a legislatively mandated, board-imposed program that comes with additional fees and time requirements. As an Engineer I currently benefit from on-the-job continuing education every day in my work.	2/16/2024 4:17 PM
254	I prefer on the job training.	2/16/2024 4:11 PM
255	As a licensed Professional Engineer, I am very careful to only apply my license to professional activities that I am truly proficient in. I personally know what disciplines I am qualified to apply my license to and will not work outside of my professional knowledge base. Continuing education may help less understanding engineers to 'sharpen their saws,' but I don't see that this new requirement will benefit the 'Professional' Engineers that truly honor the responsibility they are given in practicing under their earned licenses and proficiencies.	2/16/2024 4:05 PM
256	While I support continuing education, I oppose a mandated, board-imposed program that comes with additional fees and time requirements. State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment. Additional PDHs merely increase costs and make it less likely for professional engineers to seek renewed certifications, doing a disservice to California's licensed professionals and the trades that rely on them.	2/16/2024 4:04 PM
257	Professional engineers have continued to successfully use their independent judgement to determine if they can be responsible for the work in question.	2/16/2024 3:58 PM
258	I think continuing education is good as it expands a professional's knowledge and perspectives beyond the every day job duties.	2/16/2024 3:53 PM
259	On-the-job training far exceeds the PDH and should be recognized.	2/16/2024 3:47 PM
260	I support continuing education, but should be able to self-certify and not require taking x amount of classes. The classes offering PDH are cash-grabs and benefit the instructor more than the profession.	2/16/2024 3:42 PM
261	Mandatory continuing education is a solution looking for a problem. It is a scam and a racket that will provide no actual measurable benefit, but will certainly make a lot of money for those who administer these classes, and of course the bill will be up to me to take care of. I live and work in a rural area so beyond the cost of the classes, plus the time it takes from actual work, plus the likelihood of travel to get to said courses is going to financially strain me as well as strain my workload of *actual* work. The only people who think mandatory continuing education is a good idea are middle/upper managers with no actual engineering experience or prowess who enjoy checking boxes because it makes thing "look good". I've been hearing rumbling of this in CA and it stinks to high heaven. It already costs nearly \$200 just to renew a license which is literally an automated process, what could have possibly changed in the last two years that would require that much money? To tack onto that? Ridiculous. I could not be more emphatic when I say this is a horrible, ludicrous idea.	2/16/2024 3:38 PM

262	I believe that we continue our education each day of work and extra PDHs are unnecessary and would be a time burden.	2/16/2024 3:37 PM
263	I already am required to complete technical training and development as required by my employer. The cost and burden of this requirement is unnecessary and unduly impacts those most sensitive to the economics of this change. Consider imposing this requirement only on the old useless engineers that are decades past any licensure exam.	2/16/2024 3:37 PM
264	As Professional Engineers, we learn more from on-the-job training. Our employers already provide additional training programs throughout our employment to further our knowledge. I don't see a need for additional training requirements when Engineer's have been acting and performing responsibly for so many years already. This sounds like someone dreamed up the idea to keep themselves busy and charge Americans more \$ to survive.	2/16/2024 3:36 PM
265	Continuing education is provided by work practice in my experience. The classes I've seen used to fill the requirements have not been practical or useful. I'm concerned that mandatory education will benefit those providing the education more than those receiving it.	2/16/2024 3:36 PM
266	Board should NOT consider implementing mandatory continuing education.	2/16/2024 3:34 PM
267	If PDHs can be satisfied through my normal, daily, professional engineering duties then I would consider it. However, if the suggestion is that, in addition to my daily job, I must satisfy an arbitrary requirement by seeking out "continuing education" that may not even exist for my field of expertise, then I do not support it.	2/16/2024 3:31 PM
268	No mandated continuing education. As professional engineers, we are constantly learning and improving in our everyday work.	2/16/2024 3:29 PM
269	We learn at work every day. We don't need additional requirements, because it already takes a lot of time from your family to study for licensure. Obtaining a Master's Degree and few years of experience should be equal of being a PE already.	2/16/2024 3:28 PM
270	Ignores the value of on-the-job training which is far more beneficial than artificial classroom training that we already received as part of the engineering curriculum. The engineering disciplines vary too much to make training useful where we practice. It's a waste of money for the licensee, waste of taxpayer money, and a waste of time.	2/16/2024 3:27 PM
271	If it is mandatory it erodes engineering judgement. The code includes that engineers should know what he/she should do and not do and what experience and training are needed.	2/16/2024 3:22 PM
272	The law states that professional engineers should not practice in fields they are incompetent or inexperienced. Professionals are responsible for obtaining proper education and experience in the field they are practicing. Additionally civil engineering is too broad to rely on continued education which would likely be in a field that is not applicable to most engineers.	2/16/2024 3:21 PM
273	With licensed medical staff being required to have their CEs, professional engineers must also have as well, as you said, to protect the public. I have encountered license engineers for long time who had no clue what they were doing, especially with modern technologies, materials, and methods.	2/16/2024 3:20 PM
274	No continuing education	2/16/2024 3:17 PM
275	Our continuing education is done through trainings at work. Do not need implementation of mandatory continuing education.	2/16/2024 3:17 PM
276	Engineers and Geologist perform a wide range of activities, functions and duties that it is unreasonable to impose required PDHs as one size fits all.	2/16/2024 3:15 PM
277	There is NO VALUE to the SAFETY AND WELFARE of the public in MANDATING PDH's. IF a licensee can be TRUSTED to WORK WITHIN their COMPETENCE then a licensee can be TRUSTED to STAY COMPETENT. If they can not be trusted to work like this, then there is little reason for the licensing in the first place. At least if logic is being applied. This is nothing more than a CASH GRAB by the board in the guise of providing some public benefit. Most engineers and surveyors will be offended as it is also a statement about the responsibility demonstrated by the common licensee. -Nicholas McLean, PE LSIT Building Insp. ASCE Member, PECG Member CA Dept. of Transportation Bridge Engineer	2/16/2024 3:14 PM
278	Waste of time. On the job training/experience far outweighs the theory one learns from a book. Taking on additional education that may benefit only a select few will only cause our already	2/16/2024 3:12 PM

busy work life to get worse.

279	This will just be more cost passed down to the public. The PEs will charge more their customers because of their expensive license fees and continuing education fees. Also, it will take a way time from work and family to complete training that most likely will have nothing to do with the real job. I see it as one more layer of bureaucracy and taxation.	2/16/2024 3:12 PM
280	Although I personally support professional development and continuing education, it should not be a legislative-mandated requirement for maintenance of professional licensing. Requirements for professional development and continuing education should be met primarily through working in the appropriate professional field and other continuing education and training opportunities. For example, most (if not all) government employers provide many continuing education opportunities, required certifications, and other mandatory training and other mandates. For non-government employees, there are many professional development and continuing education opportunities available from different sources. Continuing education opportunities should be provided through the various professional societies in cooperation with institutions of higher learning. Self-certification and policing are encouraged. In summary, the Board should not implement a legislative-mandated requirement for continuing education for maintenance of professional licensing. Thank you!	2/16/2024 3:10 PM
281	I support as an option, but not as mandated.	2/16/2024 3:08 PM
282	I do not support the need for continuing education requirements as part of my license. It sounds like an additional bureaucratic requirement that will include additional cost and time on my part.	2/16/2024 3:06 PM
283	California cannot be compared to other states that require PDHs, our state specific exams alone the study time for those amount to more in depth and hours logged than PDHs combined for other states with more practical use. As a PE in California we are the forefront for innovation and constantly receive on the job training for the various projects we face.	2/16/2024 3:06 PM
284	I hope this is for the betterment of mankind and not out of greediness. I do not mind an 8 hour class every 2 years to keep us in the loop, but if you charge us \$100's+ for recertification, then I am completely against it. The licensed engineers working for the government will likely be reimbursed for the additional fees, but that might be a burden on the taxpayers who are already struggling against the negative effects of inflation.	2/16/2024 3:03 PM
285	Engineers have already gone through a series of work experience and engineering exams to get their licenses. Their day job should qualify as continuing education, so long as they continue to renew their active status as an engineer. Why have to pay extra for education when they have already gone through the necessary steps to prove their proficiency?	2/16/2024 3:01 PM
286	Continuing education is already experienced daily by on-the-job work. Industry standards change over time based on information learned daily overseeing geology, engineering and land surveying projects, just as an example of how continued on the job education influences standard.	2/16/2024 3:00 PM
287	It would be good as refresher. Consider to include calculations instead of seminar type courses. Problems solving and use of manuals would be more beneficial.	2/16/2024 2:59 PM
288	Professional Engineers continue to accrue additional liabilities and time requirements from the State, especially if accruing additional PDHs for other certifications. If PDHs are required, it will drive more persons out of the this very necessary profession. Also, the PDH tracking PE registration renewal will cost \$\$\$ in this time of budgetary shortfall.	2/16/2024 2:59 PM
289	the fact that we have to pass additional testing to be licensed engineers in this state should be enough to exempt us from having to complete mandatory continuing education.	2/16/2024 2:59 PM
290	This is a scam by training companies to make more money, with the State also benefitting, need more employees to track those classes!! I am thinking about starting my own company to get some of this sweet sweet sweet cash.	2/16/2024 2:58 PM
291	I really don't think it needs to be mandated and should remain voluntary. Like many engineers, I receive updated training in my job.	2/16/2024 2:58 PM
292	I'm not against "professional development" in the form of on the job training and additional training classes to learn new technologies and engineering practices. But support among employers for on the job training is not consistent, with many expecting their engineers to train outside of their work hours and work duties. This places an unjust and unfair burden on	2/16/2024 2:57 PM

engineers, especially if PDHs are made mandatory and required to maintain their license. Additionally, there is no way for the Board to ensure that PDHs are specific to the engineers field, which could lead to wasted hours on training topics that are not relevant to their work. Most countries outside of North America use the past work and performance of their engineers to gauge the quality of an engineer's work, and while I do not see the need to end licensing requirements, I also do not see the need to require PDHs when an engineers knowledge and skill can be developed through their work and can be proven through their project portfolio.

293	Principles of Engineering do not significantly change over the years. That is why Continuing Education is not necessary.	2/16/2024 2:56 PM
294	to improve our performance and advancement we keep our self up todate with technology through courses offered by employer or reading professional magazines.	2/16/2024 2:56 PM
295	Every day in my work, I have been benefiting from on-the-job education. Therefore, I do not think that PDHs is necessary.	2/16/2024 2:54 PM
296	As long as continuing educations isn't specifically tied to job duties, I support it. It's good to be pushed to learn new things-emphasis on "new."	2/16/2024 2:53 PM
297	Good to have continuing education.	2/16/2024 2:53 PM
298	Engineering is already stressful with a multitude of deadlines. This is just adding stress. Additionally, things don't actually change that much where this needs to be a requirement.	2/16/2024 2:52 PM
299	The PG license is far too broad to have a specific set of continuing education requirements/PDH. Thus it seems likely the PDH cannot be annually lead/mandated by the board. Attending conferences and/or job related trainings seem far more useful and valuable for job specific PDH	2/16/2024 2:52 PM
300	Engineers get practice in their specialty on a daily basis. Requiring additional training will only add to their workload and cost of doing business.	2/16/2024 2:52 PM
301	We are professionals and should be trusted to decide what continuing education we need and when it is helpful or required. Continuing education companies often pop up to make money but provide substandard or outdated information and do nothing to advance our careers or knowledge base to do our job. The obligation becomes a box to check for professionals, unless the Board is able and willing to vet/certify the continuing education courses are compliant with State regulations as well as industry standards.	2/16/2024 2:46 PM
302	I support PDHs, but to request mandatory payment and time is burdensome.	2/16/2024 2:45 PM
303	It is up to the professionals to practice in their area of expertise. Engineering has always been a profession where even a degree is not required. Training and education needs vary too greatly to be mandated across the board.	2/16/2024 2:44 PM
304	What is the value of 20 hours/years of PDH compared to practicing engineering on a daily basis? I don't know if an arbitrary education credit adds value.	2/16/2024 2:43 PM
305	I would support implementing mandatory continuing education only if it served the purpose of maintaining licensees' aptitude to adequately perform their role of protecting the public. Are the current professionals adequately protecting the public? If so, then I see no need for mandatory continuing education.	2/16/2024 2:43 PM
306	Mandatory continued education would only be a reasonable consideration if engineers did nothing but engineering.	2/16/2024 2:41 PM
307	As part of my job, I consistently face challenges, which lead to educational moments and further development within my profession. Requiring me to attend classes to further my development as an engineer seems to be a redundant and pointless task. Development through on the job experience is retained well, but sitting through a lecture and forgetting it afterwards is a waste of time and resources. I am firmly against requiring PDH.	2/16/2024 2:41 PM
308	Yes	2/16/2024 2:40 PM
309	Professional development should go hand in hand with professional licenses. I think it is more important than a degree. A degree proves basic knowledge and skills early in one's career. Continuing education promotes a continuous development of knowledge.	2/16/2024 2:40 PM
310	It's our job to stay current and meet requirements for our designs. Adding required education	2/16/2024 2:39 PM

on top of what we do is not needed and just costs the board more to enforce it and will ultimately cost the state more since the unions will argue for it to be covered by the state for state employees.

311	Professional Engineering is a practice where on the job work performed with real world experience sustains the knowledge of practicing engineers that exercise sound engineering judgement that cannot be supplemented by continuing education. No amount of continuing education would or can differentiate a competent engineer versus an engineer with poor judgement or performance. Also, having mandated continuing education can be wrought with unneeded additional bureaucracy and grifting off practicing engineers to require registration of 'courses' sponsored by private consultants that render a fee for continuing education credits; for these reasons, I do not support nor agree with mandated continuing education requirements.	2/16/2024 2:39 PM
312	Engineering, Land surveying and geology are not areas that have a lot of significant change. The math and rocks don't change, why should they have to continue education? It absolutely does not make sense.	2/16/2024 2:38 PM
313	A good engineer is self-educating every day on the job. A bad engineer is not improving regardless any mandatory. Thus the mandatory education is paperwork only, assumes all engineers are not learning, and becomes a scam i.e. Engineer attends just because getting the PDH while sleeping during the session.	2/16/2024 2:38 PM
314	I think those who are practicing getting sufficient training at work or ongoing projects that a few hours of PDH could not be beneficial but would be waste of time and resources.	2/16/2024 2:37 PM
315	I am strongly opposed to a legislatively mandated, board-imposed continuing education program that comes with additional fees and time requirements. There would need to be strong evidence shown to me that this is necessary before I would consider supporting such an action.	2/16/2024 2:35 PM
316	Ridiculous	2/16/2024 2:33 PM
317	Continuing education is good, but it shouldn't be mandatory.	2/16/2024 2:33 PM
318	rising cost of education and everything else this is not needed	2/16/2024 2:32 PM
319	Unnecessary and waste of time. Also a waste of taxpayers money to hire someone at the board to monitor compliance.	2/16/2024 2:32 PM
320	Professionals should participate in ongoing training. But a mandate is not worth the time and bureaucracy required to enforce it. Perhaps BPELSG can provide guidance or expectations, and not waste effort on tracking hours every year.	2/16/2024 2:32 PM
321	I work everyday in an environment that requires me to be continuing to learn. I feel a mandate is unnecessary for people actively working in their licensed field.	2/16/2024 2:31 PM
322	I think it is helpful. It would be good if our places of work would help pay for such things. Everything is getting expensive and this would just be another added expense. Assuming it is implemented I would expect to get a list of the courses that count towards this requirement at the beginning of each year or some other date every year or whenever it is updated	2/16/2024 2:31 PM
323	Mandatory training would appear to only benefit the providers of the training. I would support the training requirement if on-the-job training could be counted toward the satisfaction of this new requirement. Thank you for the opportunity to comment.	2/16/2024 2:31 PM
324	All license holder work in their related field of professional work. Knowledge and skill are obtained and built and preserved in each individual's mind memory and field of work.	2/16/2024 2:30 PM
325	As an engineer I have been required to educate myself weekly if not daily as part of each job I have held. The job itself is a constant effort of continuing education. A requirement of some top-down mandated continuing education is unnecessary, a waste of resources, and oversteps the Board's mandate. I do not support any such continuing education requirement by the Board.	2/16/2024 2:29 PM
326	I oppose to any legislative mandated board-imposed program that comes with additional fees and time requirement.	2/16/2024 2:28 PM
327	Please don't waste my valuable time with this garbage.	2/16/2024 2:28 PM



328	I don't think the board should mandate continued education. It will cause additional fees and time requirements for individuals that already are limited with time and money.	2/16/2024 2:28 PM
329	I get plenty of professional education from on the job training and work. No need to spend more time or money on additional non-necessary mandatory training.	2/16/2024 2:27 PM
330	Not necessary and what is the expected return on PHD? Better what or less failures? I don't believe required CE or PHD would accomplish anything besides bloated program for no return. Those putting on the classes would be the only winners. Charging fees to attend classes.	2/16/2024 2:27 PM
331	Continuing education courses are a racket. The only people that will benefit are the hacks that charge too much for classes. If put into practice, there will be two types of people, the ones that currently further their education and will now have to spend more money doing it, and the others that will go to the cheapest courses that gives them credit for playing a video on their phone.	2/16/2024 2:26 PM
332	Continuing Education is important to keep the licensee up to date on the latest trends in their discipline and to also safeguard the welfare of the public.	2/16/2024 2:24 PM
333	The need for continuing education should be based on an individual's needs in their career and the field of work they choose to be proficient in. Many of us professions can gain this education through on-the-job training and our own academic interest and pursuit. The use of a mandatory continuing education program will simply result in many persons taking the little time they have available to take whatever academic course is most convenient to check this box, regardless to their interest or need of the subject. I think that finding ways to make continuing education more accessible, desirable, and supported by our employers is a great idea, but this should be based on each professional's need and not be a box to check off. We are professionals, we know our limits, and we all want to learn.	2/16/2024 2:24 PM
334	I oppose a legislatively mandated, board-imposed program that comes with additional fees and time requirements. State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment.	2/16/2024 2:22 PM
335	While supporting continuing education, I oppose a legislatively mandated, board-imposed program that comes with additional fees and time requirements. As an employee of the State I know that all engineers, land surveyors, and geologists currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment. I suspect the same is true in consulting. I do not support PDHs.	2/16/2024 2:21 PM
336	The board should not consider PDHs.	2/16/2024 2:20 PM
337	At my current position, it is a daily occurrence for me to continue my education just to be a useful tool for my organization. To add yet another level of regulation to pay for is utter lunacy in today's current economic situation. As a professional, I am frankly insulted for the board to think that they need to treat me like a child when validating if I am still qualified to hold my professional license!! It is because of these completely unnecessary policies and governance that continues to push prospective individuals away from the engineering fields and exactly why there is such a deficit of qualified candidates to hire! I would NOT be in support of any policies such as this one being proposed!!	2/16/2024 2:20 PM
338	The Board should not implement mandatory continuing education requirements. Professional development is the responsibility of individuals and should be met primarily by working in the appropriate professional field. We should assume that Licensed PEs will adhere to the USACE code of ethics. "3.g. continue professional development to enhance their technical and non-technical competencies."	2/16/2024 2:20 PM
339	- Still need to study for FE exam	2/16/2024 2:18 PM
340	State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment. No additional PDH is required for those who practice professional business on a daily basis.	2/16/2024 2:18 PM
341	Make implementation broad in scope.	2/16/2024 2:16 PM

342	As a professional engineer, I keep myself educated on the current code or any technology changes. A forced mandate doesn't accomplish anything.	2/16/2024 2:16 PM
343	Is there significant evidence that PDHs are beneficial to public safety?	2/16/2024 2:15 PM
344	Practicing engineers continually develop our skills during our careers and PDH are not needed.	2/16/2024 2:15 PM
345	It is a scam by continued education company sites to make money off of US Engineers. We are already getting continued education from our work every year for free.	2/16/2024 2:15 PM
346	If mandatory continuing education is required the format should be digital, module based, and provide the versatility to allow for professionals to pick specific areas of expertise. A more rigid system would limit individuals ability to participate given the dynamic nature of careers and life obligations.	2/16/2024 2:14 PM
347	Engineers have continued education as we progress throughout our careers.	2/16/2024 2:13 PM
348	There is already an engineering shortage. State Engineers are underpaid in comparison to comparable agencies and this is just another taxation that will further diminish employee morale and a reason to work for this organization. They already double our fees a few years back and I feel this is just for more fees put on the back of working people to provide for nonworking folks	2/16/2024 2:12 PM
349	A mandate is unnecessary, most holders of the licenses are working in their field, which required being well informed and up to date on the pertinent information needed for their position. Adding a requirement, unless fulfillable by on-the-job experience/completed tasks, will unnecessarily burden license holders financially. As stated above, a requirement for PDHs for those not currently practicing or using their licenses may be appropriate, but for those actively working within their licensed profession, the need for PDH is unnecessary.	2/16/2024 2:11 PM
350	Most required PDUs benefit the training providers more than the trainees. Also, there are already expectations of professionalism that call for continuous updating of one's skills. Required PDUs are not effective at doing that.	2/16/2024 2:10 PM
351	Practicing engineers benefit from on-the-job continuing education every workday and already are required to stay up to date with current codes and required training/certificates. I oppose mandated training.	2/16/2024 2:10 PM
352	A person regularly practicing in their licensed field should not be required to submit proof of continuing education.	2/16/2024 2:09 PM
353	Already have mandated job-related training at work. The engineering profession is evolving, and I am not convinced that the accepted PDHs will reflect this. Instead, I believe in tailored continuing education aligned with my long-term career goals and needs.	2/16/2024 2:09 PM
354	Yes, mandate continuing education. Many of my co-workers would benefit from it and I personally would look forward to it. 10 hours per year seems reasonable.	2/16/2024 2:09 PM
355	The licensed engineering professions are highly variable and have flexibility in fields of service. For example, I am a licensed Chemical Engineer, but my work also needs knowledge of civil and environmental engineering concepts. A continuing education requirement for a chemical engineer may not be relevant to my current field of work.	2/16/2024 2:08 PM
356	For the public benefit , yes it should	2/16/2024 2:08 PM
357	Technology is moving at very rapid rate. Staying up to date with what is new is encouraged. For example, I do not understand why Engineers must take the Survey exam. It seems pointless and some of the questions are on outdated equipment, most engineers do not even use surveying. If the idea is for people to have a basic understanding of it, make surveying a course to be taken online or as PDH.	2/16/2024 2:07 PM
358	PDHs should be at the request of and provide by the employer, not the Board.	2/16/2024 2:06 PM
359	On the job training should be adequate	2/16/2024 2:05 PM
360	I still need to take the practical before I obtain my license so I am not sure my answer should count, but honestly, I could go either way. I see the benefits of the PDHs, but I think that the time we spend obtaining the PDHs should be on topics that we don't use on a regular basis, such as field mapping, etc. I agree that we do benefit from on-the-job continuing education and a legislative mandate is not the answer. Things are going smoothly right now. It feels like	2/16/2024 2:04 PM

legislation would only foul things up in the long run. Plus, we get reimbursed for our licensing, right? Wouldn't this affect the State budget as well then.

361	A mandatory requirement for licensees is not needed and would take time away from actual work that needs to be completed..	2/16/2024 2:03 PM
362	Employer shall cover the costs of training and taking required course for PDHs	2/16/2024 2:03 PM
363	As a licensed Geologist, the majority of what BPLESG places on the exams does not apply to the type of geology practiced in my career. BPLESG exams focus the majority of emphasis on Environmental Cleanup/Site Mitigation and Restoration. Having required training will only add to the cumbersome requirements placed on geologists with specialties where little training exists for continued practice, but the very jobs we perform on a daily basis, and regulate. Finding training to provide new hires has been challenging enough, and many local SME's have spent countless hours creating lessons that are continually refined. Having a broad-approach will only do worse than good.	2/16/2024 2:03 PM
364	I don't see a need for PDH, as I'm more than able to keep up with changing design methods. I wouldn't be able to stay employed if I didn't do that and don't need another costly and time consuming mandate without adequate justification. Has this been a problem the board has seen in its disciplinary actions?	2/16/2024 2:03 PM
365	I have attended events and webinar that offer PDHs not because it was mandated but because the topic was interesting. Quite often the subject event was not worth the cost. What i am trying to get at is these mandatory PDH hours are not proven to be useful to engineers for their associated cost. This will mainly benefit the businesses that charge and offer these PDH related events. Therefore, I am not for such mandate.	2/16/2024 2:03 PM
366	State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet a number of profession and State-required certifications, trainings, and other mandates as part of their employment.	2/16/2024 2:00 PM
367	Professionals actively working are continuously applying their skills and learning without the need for additional paper work, fees, and time commitments.	2/16/2024 1:59 PM
368	I strongly oppose any legal mandates on continuing education. I work in a very niche area of engineering, where I regularly read and stay up to date on new developments in my field, but there are limited formal training opportunities. Any type of general engineering training would not be directly relevant to my work. Considering the number of years since I received my graduate degree in mechanical engineering, and the unique nature of my area of expertise, it would be difficult for me to take a general engineering course, and more importantly, a general engineering course would be irrelevant to the type of engineering I practice.	2/16/2024 1:59 PM
369	Continuing education is the responsibility of the Professional to ensure that they are capable to perform the work or provide the services they are providing. Mandatory CE is not going to accomplish what it is intending. Those that will do it appropriately are already doing it and those that aren't already doing it will find a way to meet the requirement with minimal effort and benefit if any.	2/16/2024 1:59 PM
370	I am supporting continuing education, but opposes a legislatively mandated, board-imposed program that comes with additional fees and time requirements.	2/16/2024 1:58 PM
371	Mandatory continuing education would not guarantee that practitioners would provide a better services or more ethical outcomes. The basic requirements for obtaining licensure already encompass on-the-job experience under the supervision of a licensed professional, and the associated licensing tests are sufficiently challenging to ensure that underqualified people do not obtain a professional license.	2/16/2024 1:58 PM
372	There are already so many costs and barriers associated with getting and staying licensed. Unless the Board will be providing free opportunities for PDHs it is not appropriate to force licensees to pay for that at this time.	2/16/2024 1:57 PM
373	Would be good for keeping apprised of current laws, any changes and general training. For specific training, there should be numerous choices based on expertise.	2/16/2024 1:55 PM
374	I find that PDHs are unnecessary since a licensed professional will have access to classes and programs for their individual career development. Proposed Board mandated PDHs could	2/16/2024 1:54 PM



be comprised of elements outside of the professional's present career path and focus. Therefore, it would be an unnecessary cost burden and chore.

375	As someone who is a specialist with 33 years of professional experience with the state and 5 years of professional experience with private industry, I can assure you that mandatory continuing education is a must. But the important thing is to match the scope of the continuing education with the skills and position of the professional individual who needs the continuing education. PE requires basic knowledge and skill set. You would need more than that to stay abreast of the latest technologies.	2/16/2024 1:53 PM
376	I obtain on-the-job continuing education every day in my work, and also through the numerous technical webinars and trainings I voluntarily complete to stay informed in my field, and interactions within my professional societies. I do not believe a mandated requirement for PDH is necessary, and I do not support such a mandate.	2/16/2024 1:53 PM
377	I have learned and acquired new materials every year - to better my knowledge and to keep up with the changes in technology and work practices. A mandatory requirement would just impose a burden on engineers like me to spend time in reporting.	2/16/2024 1:53 PM
378	Range of expertise is vast. No education can capture one's area of expertise and should not be expected to be an expert in someone else's. We are held to a code of ethics to only provide our recommendation in areas of expertise.	2/16/2024 1:52 PM
379	I also have a PMP certification (Project Management Professiona) which requires PDHs over a 3-year period. To my knowledge most states and most professional licenses require PDHs. I see this as very reasonable and expected. When I learned that California did NOT require PDHs for my PE I was surprised.	2/16/2024 1:52 PM
380	While I support continuing education, I oppose a legislatively mandated, board-imposed program that comes with additional fees and time commitments. Working for the State, I benefit from on-the-job continuing education everyday. I already must meet a number of profession and State-required certifications, trainings, and other mandates as part of my employment.	2/16/2024 1:51 PM
381	Please never implement mandatory continuing education.	2/16/2024 1:51 PM
382	Waste of time and money.	2/16/2024 1:50 PM
383	The field of engineering is continually advancing. I beleive it is remiss of the board to not require pdh/ce hours in order to renew licenses. Perhaps this is why we have some licensed engineers stuck in their ways and refusing to accept new information or techniques to improve accuracy and efficiency.	2/16/2024 1:50 PM
384	I do not agree with having the Board receiving a monetary fee for additional training. It appears to be a conflict of interest.	2/16/2024 1:48 PM
385	I support continuing education of professionals. I pursue additional education as needed to better perform my job. I do not support mandatory continuing education.	2/16/2024 1:48 PM
386	I barely have enough time to complete my tasks. I work for the state and work more than 40 hours a week, which is strongly discouraged. I cannot fit additional training into my schedule. In addition, anyone who is working in their relevant field is keeping up on their experience. Plus, we are all already responsible for what we sign off on with our stamps.	2/16/2024 1:47 PM
387	Most of my training is on the job training. I am opposed to implementing mandatory continuing education because the training would not be as effective as job experience.	2/16/2024 1:46 PM
388	A majority of the engineers' knowledge comes from their job experience and things we observe in the fields. It is difficult to replace that practical experience and knowledge with any theoretical knowledge that are taught in a classroom. Continuing Ed is not necessary.	2/16/2024 1:46 PM
389	I do not believe continuing education should be mandatory. We as engineers, geologists, and land surveyors are constantly learning on the job through practical work. We also attend trainings that are relevant to our work. However, making this mandatory would add additional time and resources that would take away from the actual work we are doing to provide for the public.	2/16/2024 1:46 PM
390	I support continuing education requirement because that keeps all of us up to date on this continuously changing engineering environment	2/16/2024 1:43 PM

391	It's been fine without it for a very long time. California is one of the hardest and strictest states to become licensed in, we do not need continuing education, or need to pay for it.	2/16/2024 1:42 PM
392	The education should not be mandatory. I currently have access to a wide variety of trainings as a part of my job. I do not want mandatory continuing education.	2/16/2024 1:41 PM
393	While I think it is important for engineers to stay current on their knowledge and education, California currently has a higher renewal fee than states that require continued education, in addition to the additional Seismic and Surveying exams to obtain their PE license in the state. So I could see some people being adverse to the continuing education requirement, which will come with additional costs, in addition to the renewal fees increasing, when we already pay more for our renewal than other states, as previously mentioned. Especially for those who's employer will not cover/reimburse the costs. Engineers are already in a higher tax bracket than the average citizen, and pay a good portion of taxes for the state, so by increasing our out of pocket expenses to stay employed in this state, decreasing our net take-home pay, it may result in even more engineers leaving the State of California than we are already seeing.	2/16/2024 12:45 PM
394	I am not strongly opposed to PDH's, but I don't think implementing PDHs will have the desired outcome and will add significant administrative burden to the Board and Licensees. Watching a few webinars a year or attending a conference is something most of us do anyway. For those who are dedicated to our profession, we don't need PDHs to keep us working in the best interest of public safety, we are self motivated. For those who are not (which I don't know anyone like this), PDHs will likely have very little impact on the way they practice.	2/16/2024 9:11 AM
395	PDH hours do not reflect engineering competency and will not add anything to "safeguard the health, safety, and welfare of the public" as encouraged in the announcement. Most PDH hours are completed by engineers as a means of checking a box to allow them to keep their license and they are not used to hone skills.	2/16/2024 8:53 AM
396	Working for a DOT, most if not all of the design is standard/boiler plate. There are training courses provided within the department to ensure knowledge of design for specialty applications, i.e. hydrology/culvert design and structures to name a few. It would be preferred to have those courses count towards continuing education if this process is implemented.	2/16/2024 8:50 AM
397	I believe PDH's are important to demonstrate competency in one's discipline. Many other states require them, and I believe CA should also. However, I would like to see CA PDH's be accepted by other states and vice versa. For example, if I have 30 PDH's completed for NV, I would like to see those accepted by CA as well.	2/16/2024 8:15 AM
398	As professionals, we are capable of self-learning without being mandated. This is an added cost for "approved" pdh's, added cost to the board for implementation (to be passed on to us), and hassle for paperwork and verification.	2/15/2024 3:39 PM
399	I do not see this as necessary as practicing within the engineering profession is continual education to be able to remain active and relevant.	2/15/2024 2:49 PM
400	I live in and am licensed in a state that requires pdh's. It does nothing to improve the profession. Engineers that do not update their skills will show themselves incompetent very quickly these days.	2/15/2024 2:44 PM
401	My job mandates continuing education anyway. If this is necessary for the Board to implement, I would hope to be able to apply that same credit already earned. I would prefer not to have to pay for it.	2/15/2024 1:51 PM
402	I think this is a good way for licensed professionals to keep up with the changing technologies and regulations of an industry. Sometimes employers and industry demands do not allot time for employees to attend training/classes. Making it a requirement for renewal ensures that licensees stay up to date.	2/15/2024 12:58 PM
403	Our main priority is to serve the public by developing increasingly safe design. The requirement to include PDH's in the Certification process guarantees that each of the licensed engineers are involved in the ever changing society of Engineering, ensuring increased capabilities to ensure the safety of the people who live in California.	2/15/2024 11:46 AM
404	Civil engineering, unlike many other fields, does not experience the same level of rapid technological evolution. Additionally, the diverse branches within civil engineering often function autonomously, with limited overlap. Therefore, investing in continuing education specifically for civil engineering may not be warranted. Changes in technology, policies,	2/15/2024 11:22 AM

standards, and methodologies can typically be addressed at the regional level by employers. For instance, advancements in bridge construction techniques may be regionally implemented based on local needs and regulations, rather than requiring broad-based educational updates.

405	I do not support PDHs because we have already passed the PE exam and are currently employed in various engineering organizations that offer all the continued education we need. PDHs are just a way for some folks to make money, period.	2/15/2024 11:06 AM
406	"Mandatory continuing education" would be pointless. Most job duties are learned on the job and NOT in a classroom setting. Civil engineering is also a very broad field. Would the board expect civil engineers to take classes that cover ALL civil engineering fields?	2/15/2024 10:32 AM
407	Civil engineering, unlike many other fields, does not experience the same level of rapid technological evolution. Additionally, the diverse branches within civil engineering often function autonomously, with limited overlap. Therefore, investing in continuing education specifically for civil engineering may not be warranted. Changes in technology, policies, standards, and methodologies can typically be addressed at the regional level by employers. For instance, advancements in bridge construction techniques may be regionally implemented based on local needs and regulations, rather than requiring broad-based educational updates.	2/15/2024 10:23 AM
408	Civil engineering is not a branch where technological advances move as quickly as other fields. There are also a lot of branches of civil engineering that may not intertwine with each other. It does not make sense to do continuing education for civil engineering. Any updates to changes in technology, policies, standards, and methodology can be addressed regionally within the employer.	2/15/2024 10:09 AM
409	How about extending renewal to 4-5 years instead of 2 years.	2/15/2024 9:59 AM
410	I experience continuing education with my career development through my employer. I am also required to participate in ethics training bi-annually.	2/15/2024 9:48 AM
411	I have training through my employer.	2/15/2024 9:29 AM
412	You are supposed to practice in the area of your expertise, so it is inherent in the understanding of the license for you not to practice outside the area of your expertise unless you become proficient in an area you want to practice. We have the opportunity to take classes and work with other practitioners to become proficient in an area. I recognize that there are other professions that require continuing education to maintain your license like the PMP etc. I am not sure that it really adds value because it is more dependent upon the person to really engage or not engage. Requiring continuing education may not really change the quality or value of the license because it is really dependent upon the person and their interest and aptitude for learning.	2/15/2024 8:59 AM
413	Should be optional.	2/15/2024 8:46 AM
414	I think CE is important and in most cases is generally focused on your PG practice area. As a licensed PG in several states, CE hours + annual ethics training is required to keep licensure in good standing. However, tracking and documenting CE information is the responsibility of the license holder. In other states where I hold PGs, random audits of CE are performed periodically. This seems like an efficient method and the cost to the Board would be much less than requiring annual submittal of CE documentation for review.	2/15/2024 8:31 AM
415	Code does not update often so may not necessary.	2/15/2024 7:39 AM
416	It helps depending on the office working load. If there many classes and flexibility offered, then engineers can select which class is more appropriate to attend with their workload at that particular time.	2/15/2024 7:13 AM
417	I don't think it is necessary.	2/14/2024 10:29 PM
418	I do not support PDHs because it is already significantly harder to get a PE license here in CA compared to every other state.	2/14/2024 5:24 PM
419	Additional and unnecessary costs for mandated Continuing education requirement when many licensees utilize their engineering skills to perform their daily work duties	2/14/2024 4:21 PM
420	I think it would be hard to find to find time to schedule for and track PDHs every 2 years especially with how demanding and stressful my work load is. I think if we implement PDH, it	2/14/2024 4:19 PM

could be better to have it on a 6 or 10 year basis to give us more time to make time for and do PDH.

421	This has been mentioned over the years to require CEs for renewal. Unless the program can be "closely monitored", the efforts of the license holders and the Board will be likely wasted to do the fact that CEs will not improve the quality of the license holders.	2/14/2024 4:12 PM
422	I think it would be a good idea to implement continuing education however, it should not be mandatory instead should be optional. I believe not everyone want to continue education after license.	2/14/2024 4:09 PM
423	Technology is changing. PE's need to keep up and be lifelong learners. I would include communication and management classes as well as technical classes.	2/14/2024 3:48 PM
424	In my opinion, professionals continue to gain knowledge and technical expertise/education through solving daily problems on projects. They research product data and apply engineering principles. I see more administrative effort to seek "authorized" continuing education classes and maintain record of transcript to submit to the board on the professionals part as well as the board administration process.	2/14/2024 3:22 PM
425	The CE class hour requirements should be easily accessible and be broad and general. The profession has many organizations ASCE, WTS, ITE, etc. monthly meetings and and conferences provide classes and presentations bare offered at these gathering. These are easily accessible and should be acceptable.	2/14/2024 1:03 PM
426	I would not be inclined to mandatory continuing education, but would incentivize the endeavor should one choose to do so. A tiered system based on the number of units in a year or something similar.	2/14/2024 1:00 PM
427	I'm registered in states that require this and have found it to be a way for Red Vector to generate revenue with little to no value to advancing the engineering profession. If you consider doing this, you might want to consider a multitude of options for acquiring PDHs, including individual organization programs for each employer, both public and private. Enforcement of these could be as simple as self-reporting which would save the state money and simplify life for all registered engineers. It is my opinion that there are sufficient industry requirements to stay up to speed on current trends, innovations, and progress that makes it necessary to stay current that would preclude this onerous requirement.	2/14/2024 12:42 PM
428	PDH is normally addressed via Professional Enrichment options. Also, PDH implementation would require additional administrative costs to License renewal.	2/14/2024 12:36 PM
429	Engineering and the use of the licenses is industry and even position specific. Courses and continued education would need to be broad enough to capture all the positions to be beneficial for our individual careers.	2/14/2024 12:32 PM
430	The board should not implement continuing education. Much of what engineers learn on the job is much more beneficial than requiring the knowledge from implementing mandatory continuing education.	2/14/2024 12:27 PM
431	I don't agree with mandatory continuing education.	2/14/2024 11:07 AM
432	Oppose mandatory requirement. It will create a whole new unnecessary certification industry. Professionals already spend much time, expense self training to keep up with changes. Support recommended professional development, not mandatory. No more than 10% of current license fee.	2/14/2024 11:02 AM
433	We already do continued education through the work we carry out each year. We don't need more demands on our time and resources.	2/14/2024 10:55 AM
434	Professional Development Hours (PDH) are integral to the growth and proficiency of professional land surveyors. In a rapidly evolving technological landscape and a dynamic regulatory environment, continuous learning is essential to stay abreast of emerging trends, advancements in tools and methodologies, and changes in industry standards. PDH requirements ensure that land surveyors engage in ongoing education, fostering a culture of expertise and adaptability. These hours not only enhance the skills and knowledge of professionals but also contribute to the overall elevation of the profession. By encouraging and mandating PDH, we not only invest in the individual growth of surveyors but also ensure the delivery of high-quality, accurate, and reliable surveying services to the public. In the realm of	2/14/2024 10:24 AM

land surveying, where precision is paramount, the promotion of continuous learning through PDH is a proactive step toward maintaining excellence and professional integrity.

435	Continuing education would likely be broader than the technical field PE's practice in and largely irrelevant to our licenses.	2/14/2024 9:58 AM
436	Continuing Education is a good thing.	2/14/2024 9:42 AM
437	California is already the most difficult state to obtain a professional engineering license in with the additional seismic and survey exams. With already dwindling numbers of newly-licensed persons in the industry, and a vast number of professionals currently in the industry on the brink of retirement, I do not believe it's feasible to require "continuing professional competency" hours given the circumstances; especially if the consequence of not completing said hours is loss of licensure. It's simply not a sustainable path for "replacement" in the industry. A majority of us are already overloaded with all the extra curriculars we involve ourselves in (organization events, volunteering, mentorship, etc.), and some of us have families creating even less time for additional requirements like this.	2/14/2024 9:17 AM
438	Engineers practice and use our engineering knowledge daily. There are countless training requirements already built into our jobs especially those working for the state/gov. In addition, we attend numerous meetings and seminars with industry developing new methods and technology as is. We do not need any more professional development hours requirements to perform our jobs at a high level. Requiring these hours will only benefit the CEU companies increasing their bottom line.	2/14/2024 9:08 AM
439	If implemented, it should be required for employers to pay for any required courses and the time away from our normal work hours. Course hours should be as minimal as possible.	2/14/2024 9:04 AM
440	This should only be applicable if someone has not actively practiced their professional expertise for a period of say 3 years or more.	2/14/2024 7:56 AM
441	Every day at work is continuing education for an engineer. We research answers to new problems all the time: reading codes, discussing design options with co-workers, and other research.	2/14/2024 7:51 AM
442	I support PDHs but would expect lower required hours than other states or hours to be obtained every 2 years rather than annually due to the additional State testing required by CA that other states do not require to become licensed. I would also expect the board to host and/or provide a list of trainings that would satisfy the PDHs hours for both in-person and virtual trainings. I do not think in-person trainings should be required as this could interfere with workload balance, childcare needs and could cause stress and physical discomfort for handicap/physically disabled persons.	2/14/2024 7:34 AM
443	The responsibility should be placed on the individual to continue to learn in their profession, not enforced by the organization. It seems like this idea is a means to increase funding to the organization minimally and third party education providers greatly. I can only image that lobbyists for the third party education providers have paid out to influence this new direction. The topics on advancement, extension, and improvement of the technical aspects and professional skills of the licensee and on the enhancement of professional ethics should only be sought out for by those that are willing to go above and beyond the call of achieving the already difficult path to being licenses in a single state. Please reconsider this notion and leave this idea behind. It will only drive away more licensed individuals and those on the path of becoming licensed from holding or acquiring their license.	2/14/2024 6:33 AM
444	Engineers should do PDH regardless of licensing requirements. However, I feel PDH tracking is just busypaperwork and a waste of time and resources.	2/14/2024 12:33 AM
445	Don't change current policies	2/13/2024 6:54 PM
446	I do not believe PDH's benefit PE's as much compared to working on every day projects and naturally staying in tune with trends in designs/guidelines. PE's naturally are inclined to learn about products and services that the market can bear. PDH classes just add to the fees and fill pockets of others that do not significantly contribute to a better PE. This will also force other semi-retired PE's to drop out of the work force all together in a market where PE's are very hard to find. I see this as added red tape to a strained market with no significant benefit to the PE's or the community we are trying to serve.	2/13/2024 5:34 PM
447	There are not enough relevant courses that offer beneficial education to my area of expertise	2/13/2024 4:53 PM



and cannot be sustained for biennial renewal cycles.

448	All professionals (doctors, lawyers, engineers, etc.) should refresh the disciplines that is related to their careers. As this is the improving or maintaining their quality of work, the company need to compensate their time to review and take tests.	2/13/2024 4:46 PM
449	I think this is a great idea and will also keep our engineering acumen and knowledge current. I'd like to see there be some flexibility in the forum for PDH credits- like forums through my workplace or through other venues. I'd also like to see a waiver of this should someone be pursuing any graduate studies assuming the coursework is completed. Classes to earn "certificates" like Road Safety Professional (an ITE certification) should also "count".	2/13/2024 4:33 PM
450	This would be a waste of time and money.	2/13/2024 4:31 PM
451	Most often, the courses offered for PDHs do not provide education and benefit to the general day to day duties and end up as an additional burden that has to be completed.	2/13/2024 4:23 PM
452	I think a 10 hour requirement for every two years is acceptable.	2/13/2024 4:06 PM
453	Not all skills at time of licensure remain relevant as PEs specialize. Maintaining unused skills is a waste of effort.	2/13/2024 4:05 PM
454	Licensed professionals bear the responsibility of their stamp. PDHs are only a nuisance that do not generate value. Implementing PDH requirements could reduce revenue for the state as individuals choose not to renew.	2/13/2024 4:00 PM
455	it's not necessary	2/13/2024 3:46 PM
456	We understand consequences of stamping a deficient engineering plan/system. Seems silly to require additional reminders/education. Seems like board is looking to expand civil service employees to monitor system without performance measure showing a need.	2/13/2024 3:40 PM
457	I DO NOT support PDHs. It's not appropriate.	2/13/2024 3:14 PM
458	The Board should not implement mandatory continuation education for PE's actively working in engineering.	2/13/2024 2:19 PM
459	This should not be a requirement or if it is, it should consider the courses taken yearly by licensees for eligibility to meet PDH requirements	2/13/2024 1:47 PM
460	The unfortunate thing is the added cost for each required unit	2/13/2024 12:24 PM
461	I'm also licensed in Alabama and they require a 15PDH to maintain current active license, I have met that in the past, however during 2020 with the COVID-19 fiasco I was trying to take a university course on multi physics simulation (Comsol) relevant to my work in microelectronic sensor design.... After paying significant \$\$ to enroll as a grad student, the course was interrupted half way through and meetings had to be online. Problem was the limited number of seats for the software we were learning had to be used in person at the university computer lab due to software licensing issues....so this completely made this course impossible. I ended up not being able to complete the hours needed for renewing my PE that year....since 1997 I had never missed a renewal in Alabama. I am very frustrated about the travel restrictions and other ridiculous and unnecessary "mandates " that followed in subsequent years making it difficult to travel to conferences etc. I understand part of the root cause for these contrived "emergencies " is the central banking systems around the world being insolvent and cracking up under unprecedented debt. They need distractions and crises in order to implement radical policy changes that could never be willingly approved via informed voting by the people. Myself as an engineer, just want to peacefully live my life and enjoy helping people through engineering which I enjoy. I see the rationale behind continuing education as a requirement for renewal, however I expect going forward in the next few years certainly, more contrived events to make my life difficult....such as a cyber attack that may be blamed on taking down the financial system (that was about to fail anyway) or another pandemic ( most likely developed in a government biolab) so you see... a PDH requirement would only be reasonable when the instability within the financial system and government has been resolved. At this time such a requirement just makes life more difficult for regular engineers. One idea I could suggest is allowing engineers who voluntarily wish to promote their efforts to improve competency , be able to show that on your website. For example, next to the licensees name it could state 15PDH continuing education achievement, or whatever number of hours the individual completed. PE's could continue to renew without doing so, but if someone wanted to do PDH,	2/13/2024 11:32 AM



and communicate that to potential clients as a competitive advantage, the state board could facilitate that as a label on the license.

462	Will the PDH be dependent on the type of work one is currently involved with?	2/13/2024 9:57 AM
463	PDH not necessary as working in the professional engineering field already requires PEs to be up to date in the engineering field.	2/13/2024 9:05 AM
464	Everything in moderation, and that includes a continued education. Keeping up to date on new technology, techniques, and ideas in the scope of our practice is important, but it should never be burdensome to do so if required.	2/12/2024 5:51 PM
465	I'd support an ethics certification associated with being licensed. This is far more important than technical continuing educational hours due to how broad the field is technically.	2/12/2024 4:34 PM
466	PDH courses that are currently available typically are not applicable to our specific jobs and these courses are time consuming and expensive. Many firms, like mine, conduct several internal trainings for staff that are applicable to the professional engineering services we provide our clients. If PDHs are required, then such internal trainings must be allowed to respectfully count as PDHs.	2/12/2024 4:23 PM
467	currently, I am a business owner that is struggling to find licensed surveyors and engineers. As a small business we strive on the retired and or semi retired professionals. this requirement will place a burden on the older generations and will push them out of the job pool. This industry is suffering as is and any additional requirements will impact small businesses more than ever. we cannot do something like this when we cannot find more people to hire. Please do not create more burden on us.	2/12/2024 3:00 PM
468	The Board already requires someone to indicate that they are indeed working in the stated registered field so I feel PDHs are not needed as we're already continually using our knowledge base in conducting our daily professional related duties	2/12/2024 2:44 PM
469	This puts an undue burden on employers.	2/12/2024 2:19 PM
470	Not really necessary other than an opportunity to raise the burden to taxpayers as PE licensees are reimbursed for license renewal and courses	2/12/2024 2:04 PM
471	If PDH's are to be mandated by the Board, please consider allowing online continuing education methods. It's cost-efficient, time-efficient, convenient, and safe. Plus, it's very popular amongst other professionals who have mandated CE policies. The transition of CE classes from in-person to online methods has been successfully implemented during the Covid-19 pandemic.	2/12/2024 1:56 PM
472	I think the number of hours should vary based on the type of license and risks associated with the work that type of licensee would perform. For instance, a GE and SE may perform work that would benefit from continuing education more than a PE or LS.	2/12/2024 1:46 PM
473	We are already continually having to research and voluntarily get continued education with the different agencies and codes that get updated. Making mandatory continued education does not seem necessary and is a waste of money and time, since all fields are different.	2/12/2024 1:44 PM
474	Mandatory continued education sounds like a waste of time and money as it pulls those who are licensed away from truly billable, project-related work. The professional work that licensed engineers do should be counted as part of continued education should this be implemented.	2/12/2024 1:43 PM
475	I do not feel that the courses provided/offered provide enough value to warrant the requirement. To me it seems like a money grab and a waste of everyone's time.	2/12/2024 1:14 PM
476	CA licensed geologists already had to pass a CA-specific test in order to obtain their license. In order to do that, and pass the PG, PGs have to have knowledge of how to practice in CA and where to find updates to policy in order to due their jobs. More PDHs is not necessary or needed.	2/12/2024 1:06 PM
477	Overall, I believe that PDH courses primarily benefit the people putting on the courses, not the attendees. The wide variety of disciplines in the Civil Engineering sector alone, make it difficult to provide relevant course material that someone could actually use to develop as a professional in the industry. The financial burden for the extra requirements would be on the individual, that is already over worked and under paid, or the employer companies that are	2/12/2024 12:36 PM

having difficulty maintaining competitive salaries. This will hurt Small Disadvantaged Business Enterprises the hardest. please don't require PDH's in California.

478	I support them for new professionals but think that people that already have their license should be grandfathered in and exempt from these requirements	2/12/2024 12:30 PM
479	The cost and time associated with PDHs is prohibitive.	2/12/2024 12:29 PM
480	I do not support PDHs. I vote for no cost increases and no time spent on PDHs. As a small business owner, the additional costs of training, staff time to attend trainings, staff time to track trainings, increase in renewal costs, would be detrimental to our business. It also takes time away from delivering projects for our clients and the public. This would put a strain on our profession, increasing costs and delaying projects.	2/12/2024 12:29 PM
481	Lots of money for classes that are general and not deliverable oriented. Also lost productivity completing actual engineering work to do classes really only for PDH requirement and not knowledge/career advancement. Horrible idea.	2/12/2024 12:28 PM
482	I already do this for Nevada and Wyoming. I feel it is a waste of money. I take these courses that cost \$300- \$500 every two years. I get more form staying up on technology and performing civil engineering that I do these classes. We are constantly learning new things in our civil careers from just working. It's a waste of time and money...In my opinion. First you have to ask the board...Is there an issue? If not, then why do it? Or does the board just want more \$\$ in their pockets? Also, after several years it is very difficult to find a relevant course that you haven't already taken. I am at the point that I am starting to have to take courses in areas that I will never work in.	2/12/2024 12:00 PM
483	There is currently a significant shortage of registered Civil Engineers and Land Surveyors. Therefore, many of us are routinely working 10-12 hour days as salaried employees in agencies. Because of this, many local agencies rely on consultant CE and PLS for to supplement the overload of work. Many of these CE's and PLS consultants are retirees. In the near term, if there is are additional requirements for professional development hours which take time and money, many of these consultants who are retirees might retire their licenses, leaving an even greater shortage of CE's and PLS. I don't believe that the professional development hour requirements would necessarily improve the quality of work. I have seen the quality of work of engineers over the last 15 years reduce, and this problem has a direct correlation with how overworked they are, and they are not taking the time to do quality control, which goes back to the shortage of CE's and PLS. We need to keep the registered Engineers and PLS working, including the retirees, until there is no longer a shortage. The professional development hours will not help resolve the real problem of a shortage of registered CEs and PLS.	2/12/2024 11:59 AM
484	For someone who is licensed for a long time, and actively practicing, this new requirement seems like an unnecessary burden.	2/12/2024 11:38 AM
485	Why change something that has been working perfectly fine for the last 100 years?	2/12/2024 11:38 AM
486	I feel that the requirement for hours is reasonable. However, this should not result in additional licensing fees. The requirement to attend training annually will already add a cost hundreds of dollars if not more.	2/12/2024 11:30 AM
487	We already have responsibilities that we each account for within our discipline and we often get additional training and/or certifications... I am currently preparing to take the Certified Floodplain Manager (CFM) certification which would far exceed any minimum PDH requirement. We do this on our own and to require PDHs would hurt the spirit of self-development and turn this into a box that MUST be checked... After I obtain the CFM certification, I may not have an urgent need to continue obtaining "PDHs" and that decision belongs to me. I should not be forced to take "filler PDHs" just to meet an administrative requirement. Additional training goes hand and hand with being a professional engineer- we all know that and there is no need for the Board of Engineers to dictate how, when, and what we need to track/report/and keep up with for the requirements that we already fulfilled. Please DO NOT overstep into our personal training, just because you can, or because other states do. We in CA have additional PE requirements that other states do not. To become a PE in CA we must pass the 8hr national exam and the surveying and seismic exams... other states award you a PE with only the 8 hrs exam. This indicates that we should not change what we do and the spirit of it just because other states have. Respectfully, -G	2/12/2024 11:14 AM
488	I think requiring PDHs is a good idea and consistent with what other states require. I would	2/12/2024 10:54 AM

hope the Board is able to use a nationally recognized body for defining eligible PDH credits; having CA specific classes as a requirement would be burdensome. Having a place to log hours on the portal would be helpful. I would also be willing to see more of my renewal fee go towards this requirement if the Board provided a learning portal with a curated list of courses.

489	Caltrans and/or DWR should lead. They are training their own staff and this could be a low cost option	2/12/2024 10:34 AM
490	Requiring continuing education is unnecessary. In the work force, the field of civil engineering does not evolve as quickly as other professions. New products and efficiencies are majorly limited by local municipal and county standards and specifications. Continued education is most beneficial in professional fields where new technologies and products demand implementation in order to improve efficiency of the product itself. Requiring continued education in the civil engineering field only places additional administrative burden on the process, not to mention deterring incentives for individuals interested in pursuing the civil engineering profession.	2/12/2024 10:27 AM
491	I think its a good idea to have this. They do this in other states.	2/12/2024 10:16 AM
492	I do not support implementing mandatory continuing education. My time is already limited with regular work hours, overtime work hours, work related training, and family time.	2/12/2024 10:10 AM
493	I am licensed in Wisconsin as well as California. Wisconsin requires PDHs. I think that most engineers take more than enough continuing education without being required. This just seems like an excuse to charge more money for license.	2/12/2024 9:50 AM
494	I don't think this will be money well spent. The quantity or quality will be not be enough to do any real education. I would support an a memo for any laws, updates or information with links that we could follow-up on our own which would require initialing when we renew.	2/12/2024 9:40 AM
495	My opinion is that I do not think the Board should implement mandatory PDH's or continuing education. Competition & reputation are adequate motivators for professionals to remain proficient in their chosen fields. Being forced to pay extra cost and sit through a lecture or seminar will not make a poor professional into a high achiever, I think the impact will be minimal for the hassle and inconvenience caused. I think continuing education is great when done by one's own free will, but should not be required as a condition of licensing, we already passed that test.	2/12/2024 9:36 AM
496	There is concern what constitutes Professional development course versus career development or other purposes. Measuring the course effectiveness will also need to be assessed. Recommend starting small number hours and reassess in 2 years.	2/12/2024 9:28 AM
497	The board should not implement mandatory continuing education. The current system works. Why fix something that isn't broken? This is going to increase the costs significantly for no reason.	2/12/2024 9:22 AM
498	It is very expensive if your employer does not pay for it and many of the classes dont really provide a lot of value and are more a money maker for businesses running the seminars.	2/12/2024 9:20 AM
499	What existing problems would be solved if the Board should implement this policy. If none, then why.	2/12/2024 9:20 AM
500	I personally don't think it is necessary to require continuing education for Professional Engineers and Professional Land Surveyors. We are professionals and will get additional education, as necessary, to meet the obligations and commitment to competency in our licensed disciplines. As licensed professionals, we are not allowed to practice in areas where we do not have competence.	2/12/2024 9:17 AM
501	If the system isn't broke, why change it. What specifically is the issue with not having continuing education requirements. Are there serious issues with people using their license with out the knowledge of what they are signing? If you go forward with this proposal, which I oppose, does the requirement have to be met biennially, could the requirement be every other cycle or every 3rd cycle?	2/12/2024 9:06 AM
502	N/A	2/12/2024 9:04 AM
503	I have been a PE for over 25 years, have not had the need to have additional PDH. The additional hours to spend on review of training that would not have an impact on my work seems useless and another burden on my time. Through my work I keep abreast of legal and	2/12/2024 9:00 AM

technical changes in my field, so taking "generic" training would be an added burden that would not serve any benefit that I can see. This should be optional for those that may need to have additional training as part of their work requirement.

504	The Board's implementation of mandatory continuing education does not make any more sense than the Board's requirement of a Master's degree for licensure. (Which most of the professional societies are against as the experience is more valuable.) While the concept of continuing education may sound attractive, adding additional requirements on many of the licensees would decrease our productivity and well-being as we would be expected to incorporate these hours on top of the 50-60 hour weeks many of us work. Additionally, with multiple disciplines involved, unless the continuing education is focused solely on the laws and codes governing our profession, there is no one plan that will fit all of the disciplines.	2/11/2024 1:33 PM
505	I think that professions should have required ongoing education	2/11/2024 1:07 PM
506	As a retired Caltrans engineer, I continue to support the position my union the Professional Engineers in California Government (PECG) has taken toward continuing education. While supportive of the concept PECG opposes a legislatively mandated, board-imposed program that comes with additional fees and time requirements. State engineers, land surveyors, geologists, and related professionals currently benefit from on-the-job continuing education every day in their work. They must also meet State-required certifications, training, and other mandates as part of their employment. Employers should develop and provide continuing education opportunities to the employee on the job or in workplace developed training. I personally feel licensed professionals should be able to discern their own specific training needs beyond those provided within the workplace and select from courses offered by the various professional societies in cooperation with institutions of higher learning and should encourage their younger unlicensed colleagues to pursue licensure.	2/10/2024 5:31 PM
507	There is cost to mandating, administering, attending, verifying, documenting, and tracking continuing education credits or PDHs. When you compare how the industry is continually advancing, making a requirement out of keeping up with the industry will flood the market with subpar classes/sessions making it that much more difficult work life balance (as experienced with other professionals in other states or industries). As an employee of a company that does not support courses, certificates, or professional engineering society activities during normal working hours, this needs to be completed during personal time. Mandating PDHs may change this, as my job is contingent upon valid PE license, but these courses will not result in substantial benefits, professional or financial. For professional benefit, these courses are generally short in length is will not go into depth, resulting in exposure (which can be done during simple networking events or even during normal working hours) and not address how it will be applicable (and every situation is different, soil, existing conditions, politics, etc). Instead of financial benefit, at least for the PE, they are most likely paying out of pocket (unless the company schedules the PDH) and this education will not result in a raise. This may be beneficial to companies who provide these PDHs or courses, but who will regulate them for the content or ensure what is offered at a fair price. As a PE, experience is key, and that is how the industry operates. Finding a job without an internship was very difficult, even my PE application was flagged as deficient because my experience (though in error). PDHs will not correlate to experience PEs already gain in their daily working lives. California has so many demanding current and future capital improvement projects, and jeopardizing or placing additional restrictions to maintain a PE is not in the best interest of all.	2/10/2024 10:35 AM
508	Board needs to clearly distinguish between PDH for changes in laws/regs and PDH for professional fundamental principles. Apples and Oranges and responses to this survey need to consider this oversight.	2/10/2024 9:58 AM
509	I believe that continuing education helps to keep engineers current on the fast moving technology and ethical issues of the day, which is needed to protect the health and safety of the public.	2/9/2024 1:52 PM
510	as long as there is good flexibility for documentation of PDH's and the board doesn't approve PDH's. Professional organizations should be able to offer them and say that they account for continuing education. So for example a lunch meeting that has a speaker for 1/2 hour on a subject about our profession should could towards 1/2 hour of continuing education	2/9/2024 10:45 AM
511	there is enough certifications, trainings, and continuing education in all of our respective workplaces -- not necessary to do more	2/9/2024 9:45 AM
512	No evidence exists to support the notion that the public is somehow currently being harmed.	2/9/2024 9:42 AM

513	Waste of time	2/9/2024 6:23 AM
514	Support the idea.	2/8/2024 11:39 PM
515	It is already a hassle to obtain a PG/CEG in CA. Adding PDHs would likely complicate things further. As professionals, we are constantly learning . Not sure how PDHs would help.	2/8/2024 5:29 PM
516	the board should consider implementing continuing education with required courses in ethics, California laws pertaining to licensing and technical skills.	2/8/2024 4:23 PM
517	PDHs only support various organizations that provide such seminars at a high cost. Usually, it is difficult to find such courses locally and that would also cost travel and lodging.	2/8/2024 9:46 AM
518	Any relevant courses can help us to keep our knowledge UpToDate.	2/8/2024 7:52 AM
519	Its hard to argue that in a fast changing technical environment that P E's can get by without showing that they are keeping up.	2/7/2024 7:33 PM
520	Continuous improvement is important to professional trades.	2/7/2024 5:30 PM
521	Competency is not determined by continuing education. Possible ethics course and law would be of use. Technical review courses cost money and take time to deal with. Continuing education takes place by virtue of your continuing practice	2/7/2024 5:02 PM
522	No. The mandates are a latent opportunity for all manner of n'er do wells to ply their wily wares on the innocence of ethical engineers. No, No, No.	2/7/2024 4:44 PM
523	Not necessary... Passing PE Exam confirms applicant is qualified...	2/7/2024 4:44 PM
524	Active licensed professionals are already practicing in the engineering field and should not have to pursue additional continuing education.	2/7/2024 4:31 PM
525	The Board should require some continuity engineering,however there should be flexibility in the hours that will count toward CEUs. Lots of PEs are taking classes through their various professional organizations and those should qualify toward a PEs, CEUs. Look at Waterboards training hours program for QSD/QSP.	2/7/2024 4:14 PM
526	I hold other supplemental certifications which require continuing education. The material isn't very strong academically and I feel it CE just creates a sub-market selling mediocre courses.	2/7/2024 3:55 PM
527	it should be encouraged but not mandatory. I do not want to pay more fees. There should be exemptions for public employees that have robust training programs and for retired professionals.	2/7/2024 11:49 AM
528	P.E.s like myself have been licensed for almost 50 years, we could teach the courses just from Experience alone. I have had PDH credits in other states and it only enhances the firms that charge for seminars. Perhaps there should be a threshold if a person is Registered for x number of years with a clean record. Our positions are full of daily training. Who is to say that PSH requirements will make ethical engineers any better. Our oath states that we only practice within our competency. Will paying for PDH courses change that. No.	2/7/2024 11:36 AM
529	not a mandatory requirement, but a suggested requirement and provide the courses at no cost.	2/7/2024 11:18 AM
530	I already have ample Con Ed requirements for state licensing and/or memberships related to my practice as an Architect, Civil Engineer and Structural Engineer in Cal. and Nev.	2/7/2024 11:04 AM
531	I have been licensed as a professional engineer for 50 years and am still working as an engineer. I am also licensed as a professional engineer in another state other than CA that does require professional development hours. I also hold several other professional certifications that all require professional development hours. Because I annually attend a number of professional society meetings, technical webinars, and teach numerous courses to engineers and scientists for an engineering society I easily meet the requirements for PDHs. However, I believe that almost all practicing engineers through their typical routine work activities keep abreast of new technologies and techniques. I am not certain PDH requirements are necessary. I question if the benefits of such a requirement will be worth the added administrative costs. Is there any way to ensure that PDHs earned are really relevant for a specific licensee in terms of any gaps they have in their knowledge? I am certain the professional society I teach courses for would fully support this proposal as a good practice but also because it could increase their training program revenues. In summary I am not strongly opposed to the proposal but also do not believe there are great benefits. Perhaps	2/7/2024 10:41 AM



there could be a pilot program of voluntary reporting of PDUs for several registration cycles and see how many people report such units.

532	This is a waste of time and money.	2/7/2024 9:14 AM
533	At a minimum, the Board should consider implementing mandatory couple hours of CPC on professional ethics.	2/7/2024 8:41 AM
534	Currently in the PE application phase and California has one of the strictest, longest processes just to get to this point. As a civil engineer license we still have additional exams to take that's understandably beyond what other states require. Creating even more requirements beyond this process that is already slow, the board is overloaded just trying to review applications causing extended review times, and I don't agree with spending even more time and money into this process.	2/7/2024 8:40 AM
535	PDHs signify a commitment to the profession and licensure requirements...	2/7/2024 8:30 AM
536	Do not implement PDH requirements.	2/7/2024 8:28 AM
537	While I would expect 16-24 hours worth of PDH, I would prefer closer to 8-16 hours	2/6/2024 2:43 PM
538	I agree it should be implemented to improve the professionalism of California's engineers.	2/6/2024 1:07 PM
539	In theory, I like the idea of professional development hours (PDHs). However, many PDH classes provide regulatory compliance without significantly improving the knowledge of the people in the classes. There are very few PDHs that require any sort of testing, and most webinar-based PDHs don't even verify that anyone is actually participating in the webinar. If PDHs are going to be required, I would ask what the objective is to requiring them and how the program will be structured to actually achieve that program. It may be that a more rigorous PDH program would be helpful, or requiring PDHs in response to complaints against a licensee.	2/6/2024 12:51 PM
540	Overall, this is a good idea and forces everyone to stay current and exposed to relevant information needed. However, it should be phased in at a reasonable cost and at a reasonable amount of time expected. I'm concerned about the available offerings to fit this into my schedule.	2/6/2024 9:12 AM
541	Most engineering work requires the engineer to engage in a wide range of skills and current governmental regulations require the engineer to engage in Professional Engineering Development.	2/6/2024 7:07 AM
542	Continuing education for the Surveying Profession is recommended to keep members active and involved.	2/5/2024 7:59 PM
543	Actual professional development needs are based on the type of work performed by a PE/PLS/PG/PGP and so specific that they can't be generalized by one of those categories or even by the discipline within PE (electrical/mechanical/civil/etc.). Creating a standard hours requirement therefore creates an administrative and time burden without corresponding benefit in many cases.	2/5/2024 4:13 PM
544	As part of being a very busy licensed professional in several states, we are already subject to many temporal and monetary requirements. I do not feel it is fair to keep upping the costs and reporting requirements for licensing within this profession. Requiring PDHs will add significant personal costs to our licensing through both coursework and BPELSG fees to administer the program, with little if any benefit to public health and safety. We have already gone through rigorous application processes and testing, and climbing annual fees with no end in sight. Please consider not requiring PDHs for licensed professionals. Thank you.	2/5/2024 3:23 PM
545	Because of the cost; both financial & time that it took to obtain my PE licensure, I DO NOT believe additional testing/ certification/ professional development (being at my own cost and at the cost of time being away from my family) should be required without any additional compensation either from employers or BPELS. Post the data for the apparent short comings from licensed Engineers and where/ what category there is a deficiency. Unless there is rampant safety issues from new engineers , what has changed that this would be considered.	2/5/2024 3:21 PM
546	Continuing education is a good thing but will do little to maintain the basic engineering abilities of licensees. It could increase the capabilities of licensees but for many, that has little to no benefit.	2/5/2024 10:09 AM



547	My observation of engineers in California has been that not all are aware of new technology, techniques, and developments in civil engineering. With the the fast pace advancement in these areas it is important that engineers be required to continue to learn through educational credits to stay competitive with other states.	2/5/2024 9:54 AM
548	California should require PDHs to provide parity with other states and advance the state of the practice.	2/5/2024 9:44 AM
549	Please be aware there is a large cottage industry churning out CEU courses for almost any professional license in almost all states. To the extent it saves the Board time and money, make use of existing providers and programs already offered by ASCE, ICC, and AIA. Also, inquire amongst other State of California professional boards, the methods they use in submitting, reporting and documentation of CEU courses taken as a condition of renewal - self reporting honor system, online licensee input data base (ICC method), proof, etc. No need to reinvent the wheel. Also consider the use of time spent by licensees on professional organizations committee and annual conferences toward CEU hours.	2/4/2024 10:11 PM
550	I do not believe that requiring PDHs for license renewal will improve the quality of the profession. Continued enforcement of technical and ethical standards will. In addition, exposure to legal liability from misconduct has been effective in keeping practicing engineers honest and skills current.	2/4/2024 6:25 PM
551	Continuing education courses are pricey and most are just advertising for companies providing services to engineers. I feel they do not add to my knowledge of engineering and take up time that could be spent on actual engineering services.	2/4/2024 6:04 PM
552	It is our ethical responsibility to continue our education post licensure to safeguard public safety, health and welfare. Documenting continuing education should be a requirement for re-licensure. ASCE offers free PDHs for members - it's easy to comply and we should not be one of the remaining few States without this requirement. It's rather embarrassing.	2/4/2024 2:56 PM
553	The current practice of professional service such as engineering, surveying and/or geology holds an assumption that those in the practice are current in their knowledge of said practice, which includes technology upgrades, new laws and standards, and the advance of new and improved methodologies. Many large firms provide PDH-level continuing education as a benefit of employment. However, smaller firms, or individuals in single proprietorship will have these continuing education costs imposed. Today's economic environment has caused smaller firms and/or individuals to tighten their belts regarding expenses, and the imposition of the added costs of continuing ed would create hardships for small, disadvantaged businesses as well as for those who work as individuals. A better way to assess the current level of expertise would be to have individual licensees provide a recent history of work assignments that could provide examples to satisfy this proposed licensure competency requirement.	2/4/2024 2:38 PM
554	PLS need continuing education both to force networking and communication within the industry and to keep those who have held licenses longer consider the impact of their actions	2/3/2024 3:40 PM
555	I agree with the Board establishing PDH. Additionally, I believe the Board needs to conduct a better review of applicants for a PG in light of experience. I have nearly 35 years of experience as a PG and I am finding that numerous "new" regulators such as at a Regional Board or DTSC are coming out of college and going directly into an agency and obtaining a PG license. They have zero practical experience in soil/rock logging, drilling and sample collection, review of sedimentary /rock structures and sequences, construction of field logs, boring logs, cross section, groundwater flow maps etc. PG applicants need to work at a consulting firm conducting a minimum of 5 years of field experience prior to obtaining a PG. Coming from college to an agency, these applicants or GIs do not have this experience at all. Being part of a regulatory agency with no practical experience leads to frivolous requests for further work at the expense of clients, when this work is not warranted. These regulators do not have the basic understanding of sedimentary processes in a real-life context, fate and transport, the functionality of hydrogeologic units, etc. Thank you	2/3/2024 6:47 AM
556	I am licensed in several states and most require CEUs. I find it helpful to stay on top of changes in the industry.	2/2/2024 7:35 PM
557	Some people work better in structured learning environments (classes) which is probably the bulk of PDH's for most people. I do a lot of research and thinking outside of a course which is not quantifiable like a class. Also, for consulting engineers in one man companies, training	2/2/2024 5:17 PM

courses are out of pocket expenses (which I realize are somewhat deductible). I look at PDH's as a two edge sword--they force you into staying engaged, but, at a cost.

558	Any professional knows that keeping current on best practices and ever-changing regulations is an important part of providing excellent service and maintaining a good reputation. I applaud the BPELSG for taking on this initiative.	2/2/2024 2:23 PM
559	No. If you do please grandfather PE holder into this on PDHs.	2/2/2024 9:35 AM
560	The California Board has successfully licensed engineers for decades without a continuing education requirement. In my 35 year career I have not seen the need for this. I recommend the board look to license more disciplines such as Environmental Engineering instead.	2/1/2024 7:02 PM
561	I feel that a professional must stay up on the latest industry changes. I currently spend at least 24 hours per year staying current on regulations.	2/1/2024 4:20 PM
562	Requiring PDHs would not necessarily result in professionals improving proficiency, skills, or technical knowledge. Ultimately it is up to the individual professional to be "professional" to maintain and enhance their own technical knowledge and skills. My primary concern is that the ultimate result of a requirement for continuing education will be the creation of a new/expanded industry for PDHs that would ultimately be more of a burden for all that would not result in the Board meeting the goals and objectives of such a program. Per the notice for the survey, the Board is stating "... is exploring the requirement for Continuing Professional Competency (CPC) through Professional Development Hours...". If the real objective is to ensure "competency", it would likely be more effective to implement some form of competency testing, not so different than DMV requirements to require periodic examination of those who hold drivers licenses. Ultimately, true professionals maintain competency, technical knowledge, and skills simply because it is the right thing to do. Those who are not true professionals will find ways to skirt the rules for PDHs and will continue to not maintain professional competency. If the Board does in fact move forward with a requirement for PDHs they should also include a plan in regards to how they will verify the competency of those offering PDHs and that everyone maintains true compliance.	2/1/2024 3:45 PM
563	as a mechanical engineer there is a constant need to maintain professional capabilities, including but not limited to researching and understanding the impact of the changes to the CMC, CPC, CBC, Title 24, NFPA, OSHPD, DSA, and how to navigate design of buildings to comply with these changing codes, as well as reach codes established by municipalities. To say we need more education is to ignore the daily education we need to on every job to be successful. Potential is to allow classes provided by Energy Code Ace and other organizations to be included in Continuing Education.	2/1/2024 8:04 AM
564	I am concerned that these new requirements place an unnecessary financial burden on licensees with little added benefit. The Board should consider other mechanisms to incentivize continuing education (e.g., accessibility to specialty licenses).	2/1/2024 7:25 AM
565	No, I don't believe these continuing education program provide any real long-term value. They become check-the-box exercises that lead to additional cost and time burdens without adding significant knowledge. California already has a high bar for initial PE licensure in terms of testing, cost, and time. A continuing education program would just make maintaining a PE that much more inaccessible, especially for those already under economic strain.	2/1/2024 4:50 AM
566	This is of limited value - PEs will either continue to develop their skills or not and mandatory courses will not change that.	2/1/2024 4:25 AM
567	Probably long overdue! Competency testing and continued education on new laws, as well as awareness of new technical achievements, and understanding best practices in your field, should be an annual training requirement.	1/31/2024 4:57 PM
568	As long as I can use my PDHs when registering for multiple states, I am mostly indifferent to having PDHs. I support them but it is because I already report my PDHs to another state.	1/31/2024 11:49 AM
569	I support implementing mandatory continuing education.	1/31/2024 11:48 AM
570	As A Building Official California requires 45 PDU every 3 years. It is my experience that most engineer do not feel they need continuing education, but the field of engineer is changing, and this is in addition the construction code requirements change ever 3 years. while it is hard to keep up it is our duty as professional to stay abreast of changes.	1/31/2024 9:34 AM
571	No personal thoughts	1/31/2024 9:03 AM

572	I think it's right, although I understand it means more work for me... but I can accept that as part of the profession.	1/31/2024 8:59 AM
573	Essential to keep us sharp...saved my bacon many times.	1/30/2024 10:37 PM
574	This is long overdue, and will ensure the competency of professionals working in California. Please proceed with this. Thanks!	1/30/2024 7:52 PM
575	There is too much variability for such a requirement.	1/30/2024 12:23 PM
576	California is one of a few states that does not require PDH's. Most states have required for many years.	1/30/2024 12:18 PM
577	The mandate for continuing education in imposes an additional burden on weekend engineers, both in terms of time and cost. This requirement, while aiming to enhance professional knowledge, seems to primarily benefit instructors, colleges, and online programs. The financial strain on individual engineers outweighs the limited benefits, and a reassessment of the balance between professional growth and practical challenges is necessary. The focus should be on fostering genuine development without unduly burdening the already dedicated weekend engineers community.	1/30/2024 10:50 AM
578	What is the Board seeing that makes the Board feel this is necessary? I don't see and increase in issues with licensees or failed engineering structures. Just because other agencies are doing it doesn't make it a valid argument. In my experience it PDH doesn't work like regulators think it does. The poor licensees will seek out the easiest, cheapest qualifying PDH class that will be just fulfilling the requirement. They will not be seeking out knowledge. It will do noting to improve them in the profession or safeguard the public from a poor engineer/geologist. Good licensees do not need PDH requirements as they take their profession serious and already self educate or participate in classes/webinars. Within the engineering and geologic fields most career paths are a subset or specialized and it is very difficult to find PDH type classes for all the fields for the licenses. Such as Engineering Geology is such a small field that classes are difficult to find locally which increases the cost. What purpose does it serve to have to take a class on groundwater contamination, when I work with shallow foundations, just to satisfy yet another requirement to be employed. I'm opposed to requiring PDH and suggest the Board seriously evaluate if the PDH requirement will accomplish what they think it will and if there is truly a need for the added regulation, cost and hassle.	1/30/2024 9:34 AM
579	It is the license holder's responsibility to do continuing education and keep themselves updated in the industry, though making it a requirement does not make for better engineers as most states do have this requirement and it seems that many people do not take the continuing education that they do for their requirements seriously, it is a tedious homework assignment rather than something they get value for. The added cost seems like a bit of a stretch as well, the license holders shall invest in themselves, though they should spend their money on continuing education that brings them the most value and not spread themselves thin over PDH credits.	1/30/2024 8:10 AM
580	I have long thought that continuing education would help keep the prestige of the PE license, in the sense that the public values and respects the profession. I believe that the public respect correlates with willingness to require PE involvement on projects and reviews. The public would be better served and we engineers would have more business. I was a consulting engineer fifty years and have watched new groups first organize, hold annual meetings with continuing education, then by political means get their narrow specialty written in as a requirement for certain projects, especially in the environmental reviews.	1/30/2024 3:45 AM
581	Like a driver's license, PDH's are no guarantee of "good engineers" but are better than nothing.	1/29/2024 4:18 PM
582	Not necessary	1/29/2024 3:45 PM
583	They provide little benefit and require time and money for the licensees.	1/29/2024 3:10 PM
584	It seems like a good idea given the pervasive incompetence of some Geologists.	1/29/2024 2:09 PM
585	I am licensed in WA State and have continuing education already. I think it is good and more important than Education requirements for licensure.	1/29/2024 10:54 AM
586	This really does nothing but make us spend even more money for a web service that will just go on mute unless absolutely necessary.	1/29/2024 10:40 AM

587	The bar for becoming a PE is not very high so I think that requiring continuing education is one way to help mitigate those knowledge shortcomings. For the HVAC industry, our work is rapidly evolving and engineers will have to adapt and pivot to keep up with these changes. Building energy codes are also constantly changing and becoming more complex. There are many indications that HVAC engineers are not keeping up. Required PDHs would be a simple way to help prevent this.	1/29/2024 9:34 AM
588	For some & certain industries, continual, regular courses, workshops, & conferences would make sense to stay up-to-date with developments & technologies in the field. However, my large work organization provides ample trainings, lectures, & seminars and constantly dispenses up-to-date info for our industry. And my work's annual staff expectations memos are prepared with supervisors to ensure employees maintain & improve skills for productivity and performance. Continuing education for ALL engineers should not be required to maintain a designation, and would be more appropriate & productive use of time for those that lack workplace opportunities or are seeking career advancement & professional development.	1/29/2024 8:41 AM
589	I urge the Board to reconsider the proposed requirement for mandatory continuing education credits. Additionally, a revocation of the Seismic and Surveying exams as a requirement for the California Civil Engineer License. These additions represent significant burdens, both financially and in terms of time, for engineers, particularly impacting small business owners and independent practitioners throughout the United States looking to practice in California. The effectiveness of mandatory continuing education in substantially enhancing professional competency is ambiguous and does not justify the added strain on engineers and businesses. Furthermore, the Seismic and Surveying exam's inclusion is redundant, as the seismic and surveying disciplines are already covered under specific laws and licensing regulations for Structural Engineers (SE) and Surveyors (LS). This specialization ensures adequately trained professionals in these fields, negating the need for additional exams or continuing education requirements. Additionally, many states do not require such exams, and their absence has not compromised the quality of engineering work or public safety. These requirements deter professionals from entering the Civil Engineering field in California, and exacerbate hiring and retention challenges for employers in California. It's crucial to balance maintaining high professional standards with ensuring that regulatory requirements do not unnecessarily hinder the profession's growth and accessibility.	1/29/2024 7:59 AM
590	too hard to enforce meaningful PDHs	1/29/2024 7:45 AM
591	Do not implement continuing education, as long as the licensed engineer is practicing engineering, there is no need for continuing education. Optional: maybe only make it mandatory for licensed engineer who are not practicing engineering or currently do not have a job in an engineering firm/agency to have mandatory continuing education requirement.	1/28/2024 7:01 PM
592	I think it's important to require continuing education, since this is a professional certification. As part of that, we should be required to stay on top of our skills by continuing to learn and grow. We need to hold professional engineers to a higher standard.	1/28/2024 5:05 PM
593	Please consider making implementation practical for retirees. Thank you for your consideration.	1/28/2024 10:26 AM
594	Too many engineers in the industry that aren't current with the present state of the practice. So Yes, but the board is already underperforming, so adding to its scope is questionable. Assuming the question about the amount of PDHs is a per year number.	1/27/2024 7:28 PM
595	California already requires additional exams, would support if additional exams are removed.	1/27/2024 6:25 PM
596	We are facing workforce crisis in our industry that we never faced before. And the root cause is civil engineering is the lowest paid STEM field. Adding this requirement is adding cost to be an engineer, a not fairly paid job. This would only hurt the growth of workforce, which we desperately need.	1/27/2024 2:54 PM
597	I am currently a LSIT and am taking the LS Review course through the San Diego Chapter (I am an associate member of the Riverside/San Bernardino Chapter). Continuing Education is expected for most licences and I support the implementation of implementing mandatory continuing education as Professionals.	1/27/2024 1:43 PM
598	PDHs make sense if a given engineer cannot provide some form of evidence that they are practicing the form of engineering for which they are licensed, in which case their skills may be atrophying. If on the other hand the engineer is regularly engaged in work related to their	1/26/2024 9:18 PM

license, then by definition they should be continually learning and growing their skills and PDHs should not be required. So I do not support PDHs as a blanket requirement.

599	I believe the Civil Engineering field is so diverse it is not practicable to assign an education curriculum or the required number of hours for an individual Civil Engineer. If anything, the Board may want to consider developing a program to better inform public agencies, private firms, and/or individual Civil Engineers of the accredited education available near their location.	1/26/2024 10:35 AM
600	I'm strongly agree with mandatory PDH. I already participate in the voluntary PDH program with CLSA.	1/26/2024 9:10 AM
601	Continuous education is very important to help rejuvenate your knowledge and to keep up with industry new developments.	1/25/2024 10:24 PM
602	I currently have a medical issue I am dealing with and implementing a requirement such as this would impose an additional burden I'm not sure I could handle right now. At any rate, I don't think continuing education is necessary, as it was difficult enough to find the time to study and pass the test while working full time in the field of engineering. You will be continuing your education inherently while working as an engineer. Imposing additional regulations just adds another layer of tape which negatively affects an already dwindling pool of PEs.	1/25/2024 10:19 PM
603	There is no concrete evidence that requiring continuing education would provide any real-world benefit to the public or the licensee. The only real-world benefit is to the providers of those trainings to make money on a time-wasting mandate. Strongly disapprove of such a mandate.	1/25/2024 7:21 PM
604	Implementing this requirement would create more barriers for Engineers who are already struggling professionally. It's a very bad idea, California already have one of the toughest requirements to get the PE license. These requirements would definitely make lots of engineers consider leaving CA to other states.	1/25/2024 6:56 PM
605	I am licensed in 5 states and only CA doesn't require PDHs.	1/25/2024 6:35 PM
606	This should be for all licenses and certificates issued by the Board. This survey is missing the In Training certificates. Another attempt to raise renewal costs for the license. What is the problem being solved?	1/25/2024 3:33 PM
607	It would help assist engineers, geologists, and surveyors to keep up to date with current technology in their respective fields	1/25/2024 3:21 PM
608	Not in favor	1/25/2024 3:07 PM
609	California already has the most stringent requirements to obtaining a PE license in Civil Engineering. Requiring more would be unreasonable and unnecessary.	1/25/2024 2:37 PM
610	As licensed professionals we are already required to be competent in our areas of practice and are morally, ethically and legally bound to that standard. The best experience we get is from practical, real world project experience. Sitting through lectures, online classes or attending events for CE credits becomes a mundane task that people do because they have to. In my opinion they are a waste of time and only serve to make people feel good but have no practical real word benefit.	1/25/2024 1:30 PM
611	I think requiring continuing education is a valuable item, however, this should not be something that has added fees. In NV, this is handled by submitting a NCEES CPC Tracking record which works well.	1/25/2024 1:26 PM
612	From my past experience with biennial PE licensing renewal in Nevada with a minimum required 30 hrs PDH every 2 years, it is challenging and time consuming to accumulate 30 hrs in 2 year as a practicing engineer. It is also expensive, costing an average of about \$50.00/hr to attend meetings, seminars, classes, etc for qualified hrs. that may also include travel expenses. For such reasons, I decided it was not cost-effective to continue and renew my PE license in Nevada, considering I didn't do sufficient amount of work to justify the time and expense for the continual education and for the license renewal fee. I feel for practicing engineers, any mandatory continuing education should not be more than 5 PDH/year.	1/25/2024 1:15 PM
613	I am licensed in three other states besides CA. Each of those states has a continuing education requirement for license renewal. CA needs to adopt this requirement - it's good for the licensee and good for the profession.	1/25/2024 10:31 AM
614	In another field, the Board actually administers mandatory PDH, and I hate that. The	1/25/2024 7:49 AM



presentations are too general and of little interest to most. Setting criteria for acceptability is a better approach. And self-certification (as in many states) subject to audit would minimize costs to the Board.

615	It is my opinion that mandatory PDH's result in businesses that provide that service without providing beneficial results. I believe a review course/exam on an annual or semi-annual basis that the board puts together and administers would be more valuable. This course/exam would be related to new and changing issues within the professional community.	1/25/2024 7:20 AM
616	I do not think PDHs is necessary or meaningful. Anybody who needs to renew would need the license for their engineering work, and the work is the best training and education, unlike a formality from some paid "education".	1/25/2024 6:29 AM
617	No mandatory continuing education! Who is going to pay for that? This is just an added burden for professionals trying to make it in the profession and more unnecessary bureaucracy. Geologists cannot afford the additional expenses associated with a mandate such as this and I believe that this will deter people from seeking certification.	1/24/2024 8:27 PM
618	Board should not consider implementing mandatory continuing education.	1/24/2024 4:41 PM
619	the usual education offerings are not directed towards my specialty of civil engineering. there may be a class or 2 i would find helpful but not hugely beneficial.	1/24/2024 3:24 PM
620	California charges significantly more than other states for bi-annual renewal. Adding cost to the renewal to manage the continuing education program plus the cost of completing the continuing education costs would be a burden on those that are licensed.	1/24/2024 3:13 PM
621	it would incite me to learn more on the vast field of surveying	1/24/2024 11:56 AM
622	I think it would be a useful tactic to keep working professionals up to date with current techniques and methods. I don't believe that most working licensed professionals slack off once licensed and need an extra incentive to keep up with their knowledge of the field, but this would screen out the minority that does slack off/doesn't care. However, I do want to point out that implementing PDHs in CA may push some licensed professionals into early retirement that do not want to deal with this requirement.	1/24/2024 10:25 AM
623	I think it would be more useful for new engineers thus grandfathering in the engineers who are already licensed would be my preferred pathway.	1/24/2024 10:24 AM
624	I think the quality of the current PLS has declined. Without a degree requirement I believe this is a step in the right direction.	1/24/2024 8:53 AM
625	It is always good to pick up new skills or even refresh your memory for old skills.	1/24/2024 8:24 AM
626	I am in support of implementation of CEU/PDH requirements only if they can be harmonized with the NCEES standards. I would also recommend that the board allow out of state PEs to comply by meeting their home state's requirements. This would prevent the need for separate courses to meet the requirements of different states with different renewal cycles.	1/24/2024 7:51 AM
627	1) Attending workshops, courses, or conferences for PDH often involves expenses, including registration fees, travel costs, and accommodation. For individuals covering these expenses personally there is a large financial burden. 2) PDHs have limited practical application. Most PDH certificates can be earned by listening to a product sales pitch.	1/24/2024 7:26 AM
628	Continuing education should NOT be mandatory. Every ethical professional engineer already keeps abreast of new and changing conditions in their chosen specialties thru professional organisations or other special training. Adding a requirement to document such ongoing self training becomes a burden to the professional and the and the licensing entity.	1/23/2024 7:44 PM
629	This has been an ongoing topic since I joined the Humboldt County Chapter of the CLSA. It has always been shot down. I know of lots of surveyors in Humboldt County that are of the age of retirement, however, they do not retire. If continuing education becomes a requirement, they would not renew their licenses. Since there are a limited number of surveyors in California and the LS exam has a low pass rate, it probably is not a good idea to make it more difficult to keep your license. Although it may make those old surveyors who refuse to quit working a good excuse to hang up the towel and retire.	1/23/2024 4:15 PM
630	It's complicated. Good luck!	1/23/2024 3:27 PM
631	I'm registered in other states. Most have a 15 hour per year, 30 hour per renewal PDH	1/23/2024 1:39 PM



requirement. In general most of us know where a course or two will sharpen our skills. As long as the hours have reciprocity I'm all for it.

632	Licensed in Oregon and Washington as well as CA. Their model works, in that PDHs are self-reporting at renewal on a standard form. This approach is Low-cost to the board. Their budget needs would be fore staff to incorporate review of auditing a certain percentage of members, who then, also self-report the "Backup" for their PDHs. The board should look at the guidelines in place and avoid trying to "review, create, and decide" what proper PDH content is. Allow for a limited portion of PDHs in self-study.	1/23/2024 12:57 PM
633	My Agency requires employee trainings in ethics, IT subject, and design subjects, and software. Knowledge of our specialties is learned on the job. With our full project load, I think requiring employees to take additional courses once they have obtained their PE takes away from the time we need to get projects completed on time	1/23/2024 11:08 AM
634	Most licensees are already doing the needed work to maintain their licensing expertise and CEUs can become burdensome and costly to manage.	1/23/2024 9:44 AM
635	I think the additional testing requirements in order to obtain a license in the state of CA (seismic & surveying) are already a high barrier to entry that other states do not have. The fair trade off (in my opinion) is that we in CA don't have to do PDH's because we already had to study and expand our knowledge enough to pass the two additional tests.	1/23/2024 8:34 AM
636	Think it's unnecessary.	1/23/2024 7:59 AM
637	I have advocated for this since about 1990.	1/23/2024 7:58 AM
638	Not needed.	1/23/2024 6:06 AM
639	I think we should consider it	1/22/2024 8:19 PM
640	The instruments and technology available to todays surveyor is rapidly evolving, however the principles we use are the same. In an effort to be able to adapt those technologies, you need to understand how they apply to your business and clients in order to best serve them and maintaining a proper standard of care for the profession. PDH is essential to keeping the professional in this regard. I also believe that as professionals, outside perspective and input is paramount to keeping our minds sharp and serves as a reminder that there are many ways to perform a task, some we may not have thought of before.	1/22/2024 6:37 PM
641	Often times, those who present PDH's lack real experience and simply reiterate literature from a text book. Land surveyors need to know far more than law. Many Surveyors are not adept at deed or map interpretation. BUT yes, they are a wizz at the latest LIDAR or GNSS equipment. Unfortunately, our industry has gotten away from "on hands" mentoring. Rising costs and expenses are to blame. Young potential surveyors are taught to go to seminars, pass tests and start making money. It's not comfortable to watch this.	1/22/2024 4:52 PM
642	Yes, PDH is very thoughtful but adding fees and additional burden on the licensee is unnecessary.	1/22/2024 4:36 PM
643	Given the diversity and extent of our state's geography, some areas have better access to meaningful continuing education courses than others. My hope is that all regions are considered equally and that the requirement, if implemented, is meaningful to the profession.	1/22/2024 3:51 PM
644	Already too busy with current workload.	1/22/2024 2:52 PM
645	I believe this would be a great step in helping to keep current licenses up to date with technological innovations as well as eliminating those who are no longer actively practicing but signing for those who are unlicensed.	1/22/2024 2:15 PM
646	The changes in law and procedures in the profession do not vary that much from year to year. It should be incumbent upon the professional to keep up to speed on the profession and the government shouldn't be enforcing arbitrary compliances.	1/22/2024 1:57 PM
647	Instead of inventing new ways to thin the dwindling herd of licensed surveyors in the state, we should focus educational efforts on fostering opportunities for the next generation to join us in professional practice.	1/22/2024 1:47 PM
648	Many professions, including surveyors in other states are required to maintain continuing education. Continuous learning is required of professionals, whether a requirement of licensure	1/22/2024 1:39 PM

or not. by making it a requirement, it will be easier to help licensees gain support to attend continuing education.

649	Surveying and Engineering are continuously evolving. How can you service your clients properly if you do not know the latest methods?	1/22/2024 1:28 PM
650	PDH requirements only help the companies that are making money off the requirement	1/22/2024 12:59 PM
651	Having practiced in states with continuing education requirements, I think that it's beneficial to the individual and to the public to ensure that surveyors are devoted to lifelong learning, and continuing education is a piece of the puzzle that California is missing.	1/22/2024 12:18 PM
652	I believe it should be required. I've run into a lot of professionals that have become complacent and ignore emerging technologies and techniques. PHDs will help professionals stay sharp and keep integrity within the professions.	1/22/2024 12:16 PM
653	PDH's should required. But the acceptable criteria needs to be wide-ranging. Those teaching should be absolved of any requirements. Folks presenting at a conference should also receive credit. Etc.	1/22/2024 12:10 PM
654	While the idea is appealing I suspect that the time/expense investment will be significant. I have considered dropping my Nevada license just to avoid the loss of a week of spring in Lost Vegas. Will the Board tells us what courses are approved & which are professional entertainment? Experience tells me that some only fill the holes in the schedule of useful hours. Should the presenters submit a content summary to the Board for pre approval or like the Nevada Board will anything one sits through count as a continuation of ones education?	1/22/2024 12:00 PM
655	I do NOT support this. I presume that continuing education would most likely deal with the evolving technology of our profession and/or changes to State Law. 1) Re: technology. I spent 10 yrs reviewing the sub-par work of companies that rely solely on computers & GPS and had no concept of 'digging up a iron pipe'. Suggest that continuing education should involve sending these folks ..... a shovel. 2) Changes in State Law has recently become frightening & upsetting since Sacramento politicians seem to have chucked the SMA out the window by over-riding City/County authority regarding their own General Plan and Zoning ordinances. Sacramento's misguided and unconstitutional command/push to provide high density housing to fix the homeless problem.....I roll my eyes and heave a sigh. Hence: Continuing education regarding changes to the SMA have now become shockingly irrelevant. Local agencies are now being sued by the State over this. Continuing education would merely confuse the matter even more...hm.	1/22/2024 11:55 AM
656	Absolutely a great idea! I'm a little embarrassed that land surveyors do not have CE requirements in California. As stewards of the cadaster, we protect the public. Such a responsibility should come with a measurable commitment to being current with State Law.	1/22/2024 11:49 AM
657	If the continuing education requirement is instituted, there needs to be a real benefit to attending those classes, not just some guy bloviating about his most unusual experiences, and not just to tick a box. There are currently no continuing education classes, that I am aware of, which would provide a real benefit to me or my clientele. Classes based on the most recent enforcement actions by the Board may be helpful.	1/22/2024 11:48 AM
658	Mandatory continuing education does not correlate with lower rates of complaints. However, simple logic would indicate that those who aspire to such education are learning and adapting. Those who aren't are giving their clients short shrift.	1/22/2024 11:45 AM
659	I think this is a very important requirement	1/22/2024 11:37 AM
660	Not required. Just another government intrusion into the profession. If want specialized required for modern technique make a separate rating/certificate for that. Not all current suveying projects needs re-education only those fields that might employ those techniques.	1/22/2024 11:29 AM
661	Professional development should be required in order to maintain licensure.	1/22/2024 11:26 AM
662	It is important to implement continuing education as a way to ensure licensees are still maintaining the knowledge and skills to continue practicing. Many PLSs are so far from the test that the importance of adhering to professional practice is ignored.	1/22/2024 11:26 AM
663	I don't need the government forcing this on me. It just creates an unneeded cottage industry for a few waiting to jump on this. I continue my education. If you don't the market will take care of you. I already have a BS in Surveying and while I don't mind reviewing things once in a	1/22/2024 11:24 AM

while, how many times will I have to repeat the same stuff just to get my hours ? It is only money making for a few, and does not make the public safer than now in my opinion. Kurt Lehnhardt, PLS

664	I believe continuing education is important to our profession.	1/22/2024 11:23 AM
665	As professionals, the idea is to provide minimum required knowledge to obtain a license in order to safeguard the people of the State. Once you obtain this, and continue to use and pay for a license, almost everyone is continuing to use and grow their knowledge as a part of their work, thus there is no need for the board to ensure that there is that requirement.	1/22/2024 11:22 AM
666	I am also licensed in UT, NV and TX. They all require PDH's and I can see that it does help licensees keep up with their knowledge of the profession	1/22/2024 11:22 AM
667	California Civil Engineers have the most stringent testing requirements in our country to become licensed. If the Board decides to make PDHs a requirement, biennial dues should be reduced and/or our license renewal duration increased to four years long.	1/22/2024 11:11 AM
668	Strongly believe Continuing Education Requirements should be implemented for the following reasons: 1 - within Land Surveying, licensees either forget, or ignore current laws regarding land surveying. Without CE requiremens, it may have been a decade or longer since a Licensee was refreshed on the laws. 2 - it is beneficial for licensees, and the industry, to be continuous trained on emerging and evolving technologies that effect our field. 3 - changes in the standard of care aren't always effectively communicated throughout the industry, whether by CLSA or local agencies. CE might help alleviate some of this disconnect.	1/22/2024 10:30 AM
669	My problem with continuing education is that many options are set up by for-profit companies and act more as an infomercial to sell their products than actual education	1/22/2024 9:48 AM
670	I work in environmental geology only so much of the testing wasn't even applicable to what I do on a daily basis. I get the knowledge and continued training on the job. If anything, this needs to be considered for CA environmental regulators in DTSC and the SWRCB. The lack of knowledge and experience they have when it comes to environmental cleanup is atrocious and they are supposed to be regulating our consulting work. It's a total joke.	1/22/2024 9:42 AM
671	I am licensed in other states and I find the PDH useless as it does not add much value at all to my professional career. Each engineer should be trusted to develop him or herself in the way they see fit - engineers are no longer college students. If this is to be implemented it can be implemented for new engineers who have not gotten their PE yet	1/21/2024 8:47 AM
672	If other states require CE, so should California. Many PLS's are already licensed in other states that require CE, so it would not be an undue burden.	1/21/2024 12:33 AM
673	If board wants to implement CEUs then board should provide the webinar course and other means to obtain them	1/20/2024 8:44 PM
674	I do not support mandatory continuing education. The building code changes every 3 years is more than enough. Every time the building codes change, numerous books, computer programs, etc. also change, which require tremendous time and effort to keep up with them. Engineers already have to expand their knowledge every time building codes change to be able to go through plan-check process and get approvals from various jurisdictions.	1/20/2024 4:16 PM
675	The board should not consider implementing this. California needs to stop adding costs to those doing business here. In addition, any charges passed on to engineers by the state will likely still not cover the State's expenses. In addition, I believe the Board needs to provide some evidence that there is problem that exists to warrant changing the current system. I suspect that this proposal is being pushed by lobbyists with a financial interest in implementing this program and it has nothing to do with public safety.	1/20/2024 3:49 PM
676	Maintaining licenses for other states has shown that the PDHd are a waste of time, money, and not useful education for a license.	1/20/2024 3:32 PM
677	It is just a money grab. There are ethics of engineers to be continuing education on their own. We don't need it mandated.	1/20/2024 2:18 PM
678	The profession is doing OK, PDH's are a solution to a non problem. Waste of time.	1/19/2024 9:06 PM
679	My observation from a state that requires PDHs is the costs of obtaining them artificially rise to take advantage of the requirement. Engineers are constantly needing to maintain their skills	1/19/2024 6:42 PM

merely to remain competitive. A formal PDH requirement adds more expense to the licensed population than it is worth.

680	We currently already pay to renew our license. Continuing education would be an additional cost to licensed professionals and we would need to take time off from work to complete the PDHs. As professional engineers working in the field, our daily job is to put our skills to use to solve engineering problems and keep projects moving forward. I think each project already offers continuous education as we have to continue learn and implement our skills to execute projects and ensure they meet design criteria and code.	1/19/2024 6:35 PM
681	This additional requirement, on top of additional state specific examination, would be an unnecessary burden for the licensee, who is already actively working and developing additional and up-to-date skills through their respective areas of work (and associated training within). According to the 2023-24 Sunset Review Report, posted on January 5, 2024, the state has lost 2.5 - 3.0 % of active PGs from 2018/19 to 2022/23. A total of 132. At a time where inflationary costs are high/rising and return to office measures are increasing (i.e., reducing available time), it seems adding this requirement would not be in the best interest of active licensees. Nor would it act as an incentive to potential licensees at a time where active PGs are reducing.	1/19/2024 5:45 PM
682	I've been a GE for over 40 years, and the state of practice continually improves. it is essential that engineers keep up with the state of practice. Ideally that should be through formal instruction by a specialist in the field.	1/19/2024 4:50 PM
683	This sot of program doesn't work for lawyers, don't think it would for PEs.	1/19/2024 3:26 PM
684	I would recommend the Board consider a continuing education requirement. The majority of the state Board's do have a mandatory requirement.	1/19/2024 10:28 AM
685	Currently 13 of 32 states that offer PG licensing do not have the PDH requirement. California has been licensing PGs since ~1971, so it does not appear to make logical sense to arbitrarily require this addition. CA PGs also incur the additional scrutiny of a state-specific examination. The only other state with a state-specific examination is Maine, which also does not require PDHs. Perhaps the board might consider each state produce a state-specific examination as an initial step before adding requirements to licensees, or those seeking licenses, who already endure additional scrutiny through the examination process to assess their competency in their respective field.	1/19/2024 9:33 AM
686	Ca should implement the national minimum PDHs which then may later grow to more PDHs years down the road.	1/19/2024 9:11 AM
687	Such programs become just a nuisance and hurdle people will find ways to get across - I observe many other vocations where PDHs are required and they DO NOT contribute to professional development - waste of valuable time. If you implement, suggest focus on laws (change frequently) and ethics (many of us need frequent reminders!). Do not focus on technical because the field and breadth of practice to too wide. If you implement PDHs, suggest "grandfathering" in licensees already registered such that no PDHs are required for them (unless perhaps as part of a sanctions process).	1/19/2024 8:28 AM
688	Enough continuing education credits should be available for free (and advertised in multiple languages in multiple forms of media like email, mailed letters, social media, website pages) to ensure equity and accessibility to all. Include a grace period of 4-6 months for those who do not meet the continuing education requirements	1/19/2024 6:39 AM
689	I am also registered in Florida and they have by far the best program for PDH. I really think all states should require PDH.	1/19/2024 5:24 AM
690	Mandatory professional development has many benefits, two of which are ensuring engineers stay up to date with emerging technology and techniques, and the second to ensure that skills that are used less frequently can stay sharp.	1/19/2024 4:04 AM
691	I believe continuing education is a good thing for the profession. I was licensed in Nevada which requires 30 PDH's to renew your license. I know it was difficult sometimes to meet the requirement time wise and the cost. I still support the proposed requirement but it might be difficult for some people like myself with two license.	1/18/2024 9:55 PM
692	The reality of what continuing education course offerings are at this point are generally trash for actually achieving the goal of continued education at a legitimate technical level. So many courses are general or overview level and the courses are usually of poor quality or content yet	1/18/2024 9:36 PM

are approved as valid classes by iacet because they "check all the boxes" of what's required in a course. Industry conferences also often have qualifying PDH segments that are effectively networking in disguise with little technical content discussed. PDH course offerings have become a money making business with unqualified teachers or are a front for business networking efforts and don't offer much in the way of actual educational benefit.

693	What metrics will be used to quantify the effectiveness of PDH requirements (if implemented)?	1/18/2024 7:10 PM
694	This isn't necessary and will ultimately drive up the cost of engineering services.	1/18/2024 6:34 PM
695	I've been surveying for 18 years. During that time I have seen and worked with many licensed surveyors. Currently I'm going through the process of getting licensed myself and I believe this PDH's would be very good to bring long time licensed surveyors up to speed with the fast changing survey profession. At the same time keep recently licensed surveyors from falling behind with the times. "If you rest, you rust"	1/18/2024 4:55 PM
696	The education required to obtain a license is sufficient to carry on the practice of that said license. Additional classes that are mandatory, are rarely actually beneficial, as most people do not pay attention as they mostly just want to be back at work.	1/18/2024 3:20 PM
697	Where complaints are filed against an individual, additional education may be necessary. Professional engineers can be expected to keep up with the profession on their own without the need for the implementation of mandatory requirements. The burden of professional liability alone is sufficient motivation to keep up with the profession. I DO NOT SUPPORT MANDATORY CONTINUING EDUCATION.	1/18/2024 2:44 PM
698	Continuing education just makes sense. Our profession is rapidly advancing and the licensed professionals need to embrace the changes and keep themselves current on new developments.	1/18/2024 1:45 PM
699	Please implement continuing education and use partners in industry and current research to help develop the content for each discipline to ensure it is relevant to the various disciplines. Give certificates of completion in specific disciplines (structured like 8-hour, increase general proficiency in all of civil and have a chosen sub-discipline for some of the hours).	1/18/2024 12:12 PM
700	I also have PDH (continuing education) requirement for my Florida PE license. It requires 18 PDH every 2-years. 1 hour must be FL PE laws and regulations, 1 hour Engineering Ethics, 4-hours on Area of Practice, remaining 12 hours related to engineering. At renewal, you must sign a statement indicating you have completed the require PDH continued education. 3 % of the license engineers are randomly audited for compliance. There is a \$1,000 fine plus cost of investigation. If caught again not completing the 18 hours of continuing education could be grounds for loss of PE license.	1/18/2024 12:12 PM
701	It is up to the practicing PE to keep up with the latest industry requirements, applicable building codes and standards. A lot of PEs do not practice but simply maintain the license for professional working relations.	1/18/2024 10:40 AM
702	In support, as long as it doesn't become costly or require too many hours. As engineers, we often work long hours and we are always learning, so I would support it since it is something most of us are already doing on our own. If the requirements become too onerous and impede upon our already long work hours, this is when I would not support it.	1/18/2024 10:26 AM
703	A licensed professional engineer practicing in their field already partakes in continued education through the various, innovative projects they execute. There is no need for mandatory continuing education, as the very nature of our profession requires us to adapt to the latest technologies, regulatory requirements, new codes, and increased efficiencies.	1/18/2024 10:05 AM
704	Only if it's done across the S	1/18/2024 9:53 AM
705	I don't mind the requirement as long as the continuing education offerings are not cost-prohibitive or for so many hours that it is difficult to find the time to complete them.	1/18/2024 9:03 AM
706	Consideration should be given to efficiencies in reporting via the NCEES continuing education platform. While this shouldn't be a requirement, whatever reporting/audit requirements are implemented should allow for proof of continuing education to be submitted via the tracking tool with NCEES.	1/18/2024 8:24 AM
707	Professional development hours constitute a barrier for maintenance for the disadvantaged.	1/18/2024 8:12 AM



708	I have to do continuing education from other states whether California requires it or not. I'm not aware of any data showing that PDH/continuing education requirements provide better engineering outcomes.	1/18/2024 7:24 AM
709	Do not require it, this will not work. As professionals, we implement our own continuing education. We don't need more rules to follow. We are engineers!	1/18/2024 5:18 AM
710	Engineers does go through extensive education requirements prior to licensing, it may make sense to someone who is not practicing but not for engineers who are currently employed in field	1/17/2024 7:39 PM
711	Any engineer should keep him/her self updated but shouldn't be mandatory.	1/17/2024 5:49 PM
712	This would discourage future EITs to pursue and obtain a PE license. This license is already difficult enough to on its own right now.	1/17/2024 5:36 PM
713	I would expect BPELSG to provide a list of eligible classes to meet the requirement. I would not be in favor if the administration costs were so high that licensees have to contribute significantly.	1/17/2024 3:47 PM
714	I think it depends a great deal on which license the professional holds.	1/17/2024 2:25 PM
715	I think continuing education is an interesting addition to licensees but I do not think it is necessary to complete every two years, I would say every four years may be sufficient. Also, I do not see how mandatory education will be tailored to each individual's specialty of practice, which to me is essential to make the training most interesting to the licensed individuals. It will also incur higher costs to the Board on top of the already high cost for license renewal. I am not sure how many hours are sufficient each year to keep up-to-date with current standards/techniques.	1/17/2024 1:40 PM
716	no need. or at least offer working experience as an alternative.	1/17/2024 1:20 PM
717	Although I believe each professional should continue to educate themselves in the areas they practice to remain competent, it is not realistic for the Board of Registration for Professional Engineers and Land Surveyors to monitor or regulate continuing education or maintain a database of Professional Development hours. The biggest exception I have with the Board regulating this is that there are a limited number of accredited courses, the courses may not cover the specific topics each professional practices and the unreasonable costs associated with taking many of these accredited courses. I would rather see our professionals' study and learn a topic in an area they will be practicing rather than spend an unreasonable amount of money taking the only class available relating to a topic in a study area they will never practice.	1/17/2024 12:54 PM
718	As a leader in professional registration, California should recognize the importance of ensuring its licensees remain up to date with respect to current knowledge and procedures.	1/17/2024 10:44 AM
719	As a Professional Geologist with 24 years of experience and very active in my profession as a remediation professional, PHD requirements are a waste of valuable time and an administrative burden.	1/17/2024 9:45 AM
720	From my experience in other states with PDHs, the process is always a farce and formality only at best. The classes one takes add little to no value, and only add unnecessary cost and time to our profession. It is, and should continue to be, each engineer's responsibility to stay current within their practice of engineering.	1/17/2024 9:13 AM
721	A working professional will continue to gain knowledge to grow as a en engineer/land surveyor. PDHs are unnecessary due to the fact that Civil engineers and land surveyors already have a barrier of entry of multiple state exams.	1/17/2024 7:16 AM
722	Keeping up to date on engineering practices in the field of civil engineering in which one practices is expected to be done by all competent licensed engineers. Continuing education will add costs and time with little to no benefit for engineers who keep up to date as needed to practice, as well as really no benefit to engineers who may need continuing education as those type of people will not learn anything anyways. Don't punish everyone for the actions of a few. Continuing education can be required of those who enter into the discipline process.	1/16/2024 11:14 PM
723	No	1/16/2024 11:13 PM
724	Continuing Education should be gained while working in companies both private and public.	1/16/2024 5:46 PM



725	I do not support	1/16/2024 5:11 PM
726	I don't support	1/16/2024 4:28 PM
727	The Institution of Engineers Australia has a similar program. Licensed engineers are audited every 5 years to confirm compliance with minimum PDH (Continued Professional Development, or CPD). Suggest BPELSG offer broad range of options to obtain PDH credit. Examples include, formal education at universities, attending seminars relevant to line of work, attending training programs offered at work, and as presenter to engineers. PDH options needs to be flexible so engineers can feasibly meet minimum requirements.	1/16/2024 3:58 PM
728	Most mandatory continuing education is inconvenient, ineffective at preserving professionalism, and only serves the training community.	1/16/2024 3:05 PM
729	I think that the Board should not consider implementing mandatory continuing education. What is the benefit to the public in implementing a continuing education program verses the cost of implementation. I think that the public will lose engineers and make the cost to the public for engineering higher. I think the board should concentrate on enforcement of unlicensed practice rather than placing new requirements on existing licensed engineers. In this new computer world, I see a lot of unlicensed practice over the internet. I have been a licensed Civil Engineer for over 52 years, and could probably teach any of the continuing education courses in my field and general practice. In my experience, it is usually the organizations or companies that are giving the continuing education courses for money, that are the ones pushing for the continuing education requirement. Those organizations or companies are probably the only ones who will benefit from the continuing education requirement, not the public. In summary, please do not implement mandatory continuing education on presently licensed engineers unless you can show a definite public benefit	1/16/2024 2:42 PM
730	10 hours of further education hours a year seems reasonable and productive if the board could offer opportunities and events to do so every few months	1/16/2024 1:51 PM
731	Cost and time to complete PDHs are more significant than the Board realizes for working professionals. California already has two (2) extra exams to become a licensed Civil Engineer and one (1) extra exam for Land Surveyors.	1/16/2024 1:08 PM
732	I think continuing education would be a benefit to the profession. We work in a dynamic industry that sees significant changes in language and interpretation of state regulations, and our thorough understanding of these changes is essential to maintaining a high standard of design throughout the industry. Continuing education also gives us avenues to explore or firm up our knowledge of new and emerging sectors of design.	1/16/2024 1:01 PM
733	I am skeptical of the value of requiring PDH's. If they are required, I feel they should be well focused and crafted toward maintaining or advancing the engineering skillset and technical acumen.	1/16/2024 12:06 PM
734	Continuing education should be part of the natural growth of an engineer within the role for which they are employed.	1/16/2024 11:43 AM
735	Technology, regulations, and the standard of care evolve. Requiring PDHs promotes conformance/acceptance of the evolving standard of care.	1/16/2024 11:39 AM
736	Fees are already some of the highest in the country. Now you want to increase them more AND have us pay for classes??? Nope	1/16/2024 11:38 AM
737	In my circle, the PE is seen as a box to check off in order to be eligible for promotion and then much of the information studied for the exam is forgotten. This could be related to the fact that we deal more with contract administration than design, but regardless it would be valuable for licensed engineers to continue learning about developments in their field so that a PE doesn't end up being relegated to just letters after a signature.	1/16/2024 11:16 AM
738	Do not implement mandatory continuing education.	1/16/2024 10:48 AM
739	Unless there have been a significant uptick in the number of incidents that could be handled through mandatory training then I question the need for this. Another metric would be to compare incidents by category with states that have mandatory training to see if there are differences. A third metric would be to compare incidence rates with engineers licensed in CA + a state that has mandatory training to engineers just from CA. Without these comparisons, there will be a belief that this is being done to increase State revenue at the expense of engineers.	1/16/2024 10:44 AM

740	It appears that the Board is more interested in milking the industry for money rather than building us up. There are many different options for better uses of the funds needed to install PDH's: invest in public infrastructure, invest in youth programs for STEM education, promote ASCE, etc. It's very disappointing to see that California is interested in this money grab that will do more harm than good.	1/16/2024 10:39 AM
741	The working hours during the week for a professional provide plenty of experiences and hours towards bettering engineering knowledge and competency.	1/16/2024 10:34 AM
742	Do not consider.	1/16/2024 10:04 AM
743	I do not think the Board should implement mandatory continuing education. It has been my experience that engineers in both the public and private sectors most often take positions where their experience/expertise coincides with their expected job duties. Additional training in those areas is unnecessary. Even when engineers take positions where additional training will be necessary, that training and experience is typically obtained on the job and under the supervision of a more experienced engineer. If an engineer wishes to obtain specific training/experience prior to taking a position that requires it, they will likely seek it out and do it of their own accord. If the concern is that engineers are stamping plans for projects for which they are unqualified, that is an ethics issue, not a continuing education one. Requiring continuing education credits unnecessarily burdens ethical engineers with additional time-consuming, expensive, and often redundant or inessential training.	1/16/2024 9:38 AM
744	Adding PDHs adds additional layers of integrity to the engineering license.	1/16/2024 9:25 AM
745	A lot of engineering principles do not change, but in most branches of civil engineering there are changes to codes and standards that engineers need to keep up with. An occasional class on new codes and standards for my area of expertise is important.	1/16/2024 9:20 AM
746	I think a person who is practicing engineering (surveying, etc) as a part of their employment is automatically learning and developing new skills. Additional mandatory education seems like an unnecessary burden in an already demanding field.	1/16/2024 9:00 AM
747	What would be beneficial would be receiving an once or twice-a-year newsletter with court rulings specific to design/construction and a list of jurisdictional code changes with hyperlinks.	1/16/2024 8:35 AM
748	I do not support PDH. This is quite costly - I know this considering that I encounter a 30PDH requirement for maintaining licensing in another state. The state aims to eliminate this requirement from the licensing process. The hourly cost involved is significant. Having to allocate funds for Professional Development Hours (PDH) only adds to the financial burden, funds that could be more effectively utilized elsewhere in our society and personally. Learning is an ongoing, daily occurrence, tailored to the specific needs of our profession. I am constantly acquiring knowledge in new engineering practices, improving my understanding of business practices, and honing leadership skills on the job. When it comes to acquiring knowledge in a new civil engineering practice, I actively seek out professional resources that are available at no cost. I do not agree the benefits outweigh the negatives and the Board should not implement this requirement.	1/16/2024 8:35 AM
749	Without defining what constitutes professional development hours, I'm not convinced this program would justify increased spending. I'm not sure the development hours would be taken seriously, or that they would benefit everyone. We're all getting 8 hours of professional development in our respective fields everyday.	1/16/2024 8:32 AM
750	There is no guarantee that requiring licensees to take PDHs will garner the intended result. It feels more like a money grab.	1/16/2024 8:26 AM
751	If implemented, I would hope to see the current PEs grandfathered in with no PDH required, or a very small amount compared to new PEs. Water still flows uphill, and it always will! I don't like the idea of PDH's.	1/16/2024 8:18 AM
752	I think it is a good idea. Probably best to start with minimal requirement so everyone can get used to it. Then, if desired, ramp up the requirement for additional hours per year.	1/16/2024 8:17 AM
753	Engineers learn what they need to know while doing actual work. Continuing education would take us away from doing our work. California's requirements to become a PE are already onerous.	1/16/2024 8:12 AM
754	As a Registered Engineer in Texas, I already have experience with PDHs. I think if tailored to	1/16/2024 8:05 AM

ethics and new innovations, it would be very valuable to California Professional Engineers. But anything above 8 hours a year becomes burdensome.

755	I think that this is a great program that should be mandatory every few years. I dont think that it should be one umbrella program but a variety of different workshops that can be taken over a lifetime. For example. Grading and Drainage Workshop (PT 1,2,3), Retaining wall design (PT 1,2,3), Wood frame and timber design of single-family homes (PT, 1, 2,3)	1/16/2024 8:05 AM
756	I am a seasoned engineer, just not yet licensed. I have seen plenty of "pencil whipping" of mandatory professional development courses on the part of experience engineers working for the major chemical company that I used to work for. I think new engineers/licensees would be most prone to take the PDHs seriously and seek to benefit from them; others are likely to see them as hoops to jump through and they will figure out ways to sidestep true learning. Ideally PDHs would be used as a benefit (e.g., some number of PDHs could reduce renewal fees by some amt. or percentage), but unless you have tight control on the course content and success measurements, PDHs can be pretty meaningless.	1/16/2024 7:58 AM
757	PDH requirements are nothing more than a means for creating a cottage industry for training	1/16/2024 6:51 AM
758	Yes - The board should consider implementing mandatory continuing education	1/16/2024 6:08 AM
759	With webinars and CLSA Chapter meetings, the cost of getting continuing education can be very inexpensive.	1/16/2024 6:03 AM
760	I am licensed in several other states and am required to complete continuing education. Except for new statutory laws, no real information is gained through these courses. If PDH become the standard in California, private companies should host the PDH, not the board. The board's roll should be limited to qualifying private companies to be certified to offer PDH in California. The board should charge zero additional dollars for implementation of PDH hours. Other states licensure fees are substantially less and already have PDH.	1/16/2024 5:46 AM
761	I was licensed in another state for a while but dropped the license because I wasn't learning anything because the available courses were too elementary and expensive. I always stay up to date in my profession by reading the latest research coming out of government and university laboratories. However, this method was not allowed because the state didn't know how to document it.	1/16/2024 12:10 AM
762	Yes we need it to stay current and sharp	1/15/2024 9:45 PM
763	I don't believe the Board should implement CEs. Most engineers get "continuing education" simply by working on different projects or different components of projects. Continuing education credits are unnecessary for seasoned professionals who have accumulated years of practical experience and have stayed current with industry advancements. We should be focused on recognizing and valuing the practical expertise that experienced engineers bring to the table, rather than imposing additional educational requirements. Most people will simply gloss over such classes or work on other things in the background. Furthermore, engineers already go through rigorous curriculum and testing to become licensed. I don't believe this provides value to our profession.	1/15/2024 8:09 PM
764	Not a fan, we already have the ethic of continual learning. Just by having met the requirements for licensure doesn't mean we can stop learning and perfecting our craft. I suspect that a few incompetent licensees have made it necessary for all of us to now have PDH. As a professional I elect to do this on a voluntary basis as my choice to stay sharp. Perhaps as the board investigate complaints they can require PDH to those that are incompetent but to require or force those that are competent to mandatory PDH's seem wrong and perhaps a money grab by the board and not a prudent use of time for those that practice PDH on their own. I am not infavor.	1/15/2024 8:09 PM
765	The majority of work performed as a professional engineer is specific to the field and job one is working. Standardized PDHs could not feasibly address all various fields without isolating certain fields.	1/15/2024 8:01 PM
766	There are too many ways to make it easy and meaningless that it doesn't address the intent and is only an unnecessary burden. What is the intent and what is a better way of meeting that.	1/15/2024 7:57 PM
767	Every individual that has become licensed through BPELSG put in years of training and education already. The fact that we have all passed multiple (extremely difficult) exams and	1/15/2024 7:54 PM

	invested many hours/years into acquiring licensure should be sufficient.	
768	no. you created an exam, issued licenses, dont renege and create additional requirements for those who have been in good standing	1/15/2024 7:50 PM
769	was not required when I got licensed, should not be added after the fact. only apply to new licenses moving forward	1/15/2024 7:43 PM
770	I am not in favor of mandatory education for professionals actively and continuously employed in an engineering firm practicing their trade. It is the responsibility of the licensed professional to ensure they are current on issues that affect their profession and licensure. Individual employers should be responsible for adequately training their employees and to assess risk regarding the competency of their staff. This does not need to be administered by the State.	1/15/2024 7:15 PM
771	If you should implement continuing education since it ensures the updating of the different areas in the different processes	1/15/2024 4:08 PM
772	I think it is almost shameful that only civil engineers, of almost all professions, have no requirements for continuing education. I didn't know 'everything' when I was licensed more than 30 years ago; I certainly don't know 'everything' now. And technology is rapidly changing our profession.	1/15/2024 3:45 PM
773	Will require careful consideration	1/15/2024 3:00 PM
774	Thank you for reaching out about this matter.	1/15/2024 2:01 PM
775	I support a nominal amount of cont. ed...acquiring a P.E. isn't TERRIBLY difficult, but it gives you license (no pun intended...) to do some pretty serious things. I think it's helpful to require SOME effort to maintain the licensure, but I don't know if the level of effort required from the Board to mandate, document, and track this change is worth it.	1/15/2024 12:20 PM
776	na	1/15/2024 12:12 PM
777	It seems like a bureaucratic requirement that would require effort and expense on our part but not really make us more competent. That was my experience in another state. If the Board insists on doing this, it should be via an easily accessed online course covering recent changes in regulations.	1/15/2024 12:06 PM
778	Don't make it more than 5 hours of time for license renewal.	1/15/2024 11:43 AM
779	This does not guarantee that an individual will follow and/or learn from these classes.	1/15/2024 11:26 AM
780	Found to be useful. Would participation in code writing groups be considered?	1/15/2024 10:47 AM
781	Although I strongly believe that continuing education is necessary, I don't want to see California go to a mandatory and audited requirement.(for the last biennial period in Oregon, I had 79 hours-I typically have about 45-50). In the highly competitive field of consulting and with quite knowledgeable clients, one must be up to date without the State looking over their shoulder. If the State does decide to mandate PDHs, then there should be some interstate agreement on forms and requirements so that the licensee licensed in multiple states has one set of standards and only one form to fill out. If one state accepts another's standards and reviews it would be easier and less expensive for both the state and the licensee.	1/15/2024 10:36 AM
782	If implemented, it would be preferable that the requirements be in line with other states ( ~30 hrs every 2 years) and be permissible that the hours be applicable to licensure in other states as well.	1/15/2024 10:09 AM
783	Yes the PDH's should be required but acquiring them should not be difficult or restrictive, ie where and what type of instruction	1/15/2024 9:34 AM
784	Licensed in 3 other states, of which 2 already have 30 PDH requirement. Would not matter if CA develops one as well, I'm already required	1/15/2024 9:20 AM
785	Seems reasonable given the availability of webinars via professional associations. One PDH a month is good. What about those of us who teach and do research at university? It seems there should be a PDH equivalence for the courses we teach and papers that we publish.	1/15/2024 8:47 AM
786	While the intent of PDH is good, the value and effectiveness can be minimal. Someone who wants to further their knowledge doesn't have to sit through a seminar or pay for a course.	1/15/2024 8:15 AM

Learning from experienced co-workers is a common way and generally doesn't count towards these requirements, while attending a conference where little is gained does.

787	Professional development hours are a barrier to the disadvantaged to maintain a license. PDHs may be a financial hardship if not covered by employers and involve significant time to plan and take several courses.	1/15/2024 7:45 AM
788	PDH's not needed as good engineers will continue to perform well and learn as they go, while incompetent engineers will take the PDH's but not learn much and most probably won't even listen to the talks. You probably need to improve your disciplinary procedures.	1/14/2024 9:44 PM
789	I would not recommend continuing education for people who are continuously employed. I would consider continued education for people with 2+ years of gap in employments.	1/14/2024 8:28 PM
790	Competency is controlled by the court system. Many engineers practice in only one small facet of one discipline. For over 20 years, I practiced only in the evaluation and repair of residential foundations. As engineers become more specialized, attempting to provide meaningful categorized continuing education will become less and less feasible.	1/14/2024 12:55 PM
791	Over the years, I have learned much more from on the job experiences so continuing education would not help me at all.	1/14/2024 11:53 AM
792	The board should take into consideration the total impact over a career that an increase in fees would have on a professional services firm.	1/14/2024 11:32 AM
793	I believe it should be up to the professional to decide on furthering education as it relates to his/her expertise. The cost for most courses is quite steep and many, especially retirees who decide to keep their license active, could just let their licenses lapse.	1/14/2024 10:47 AM
794	Practicing professional engineers face learning requirements on every project. Required continuing education is a waste of time and resources. There is very little upside.	1/14/2024 10:08 AM
795	The BPELSG choosing to use mandatory continuing education will incur further accreditation, spurring larger regulatory bodies requiring further oversight of those expanded realms...I think it is bloat and overreach. I do not know a single fellow professional who does not already "stay on top of things", as it is sink or swim out here.	1/14/2024 9:59 AM
796	Without consideration of the current economic landscape, increasing the cost of licensure would make the engineering profession more inaccessible to the upcoming generation of engineers. With the breadth of disciplines that California allows for licensure, there will be significant time and expense to determine which agencies can provide adequate and proper training for each discipline, which would more than likely be reflected in the cost maintaining licensure. For individuals without the backing of an employer to pay for continuing education, these make the cost of holding a license more burdensome, as most salaried engineers generally have an upper limit to their earnings potential without being a firm principal or firm owner. Up to this point, California has generally entrusted its engineers' continuing education to be built primarily through work experience. If there are concerns regarding the experience needed during the application process, this time could be extended to four years to reflect the PE Model Law. Alternatively, the board could request continuing proof of practice if there are concerns that engineers are holding licenses without practice.	1/14/2024 9:47 AM
797	Most of the 50 states in the U.S. already have this requirement	1/14/2024 9:36 AM
798	As I use PDH for other states' compliance, I find that PDH is well suited to CE work, however in specific discipline work (ME, not associated with HVAC/Fire) is very challenging. In my case I've learned about flood control, drainage, etc... However, there is little to no value to my work in large scale industrial operation. It is essentially a "check box" with the only benefit to me and my staff related to ethics 'reminders'. Cost is negligible (\$300-500 every 2 years), but the value is very low beyond continuance of PE within the states that require PDH. Since this requires private companies to produce the product, Civil has ROI for their investment, whereas work for compliance for CDTSC, CARB, USEPA (such as air scrubbing effectiveness) yields no PDH 'training' courses available. With maybe 100 engineers in the state performing such critical work, forcing PDH on all licensees, will result in nothing more than our learning about "dam construction", or perhaps with specifics to ME here I'll learn about revised fire sprinkler code updates just to check a box. This will be nothing more than a new hurdle, low value and "required" funding for the PDH businesses. I highly recommend that PDH is not implemented in CA.	1/14/2024 7:50 AM



799	CONTINUING EDUCATION WILL CREATE AN UNNECESSARY BURDEN ON THE ALREADY BUSY SCHEDULE OF THE PROFESSIONAL ENGINEER	1/14/2024 7:44 AM
800	Competency should be the responsibility of the engineer.	1/14/2024 6:21 AM
801	PDH is a waste of time. Any course can be a pdh and most do not advance the profession	1/13/2024 9:16 PM
802	I do not support professional development hours, because this is a personal responsibility of licensee and should not be legislated.	1/13/2024 7:17 PM
803	As a subject matter expert on Aviation Cabin Safety & Gas Turbine Engine Performance there is very little aspects of my 35 year career that uses my Mechanical Engineering expertise. Well one lecture of The Brayton Cycle. I would be surprised if there are Con Ed courses that the board would have in their tool box.	1/13/2024 3:39 PM
804	Of the four states where I am licensed (AZ, WA, CA and SC), only SC requires continuing education. Continuing ed demonstrates a desire to stay current on what is happening in our profession. Ours is not a stagnant profession, and it is incumbent on us that we continue to learn. For those concerned with cost, there are inexpensive ways to obtain credits.	1/13/2024 10:20 AM
805	In my experience, continuing education is essential to maintaining and improving core competencies and learning the latest standards. But I don't see a need for formally tracking these hours.	1/13/2024 10:00 AM
806	I am also licensed in Florida. They have been requiring PDH's for over 10-years. It's about time CA got on the bandwagon.	1/13/2024 9:35 AM
807	There is concern that managing CEU credits will be burdensome. I feel that continuing education is a natural result of the day-to-day work as a Professional Engineer: encountering diverse projects and problems including new systems and technologies on an on-going basis. There are many learning resources available which I benefit from already, but necessitating a bureaucratic system of tracking trainings may become excessive. Thank you.	1/13/2024 8:22 AM
808	Many of the online courses to earn PDH are substandard. They do not serve the purpose of implementing mandatory continuing education. The board should provide guidelines as to how PDH could be earned	1/13/2024 8:14 AM
809	Required to keep up standard of practice	1/13/2024 4:46 AM
810	If they do it needs to be simple and straightforward, little or no cost, and applicable to our unique PE focus	1/13/2024 12:12 AM
811	I believe that unless there is a mandatory system, we cannot make sure personal development is satisfied in a fast-changing world.	1/12/2024 11:15 PM
812	I do not think so. I think we can take care of it ourselves without making it mandatory	1/12/2024 6:22 PM
813	The experience needs obtain through working not some useless classes for PDHs. also additional finical burden will be unnecessary to be added on engineer with license. I think this survey shall add a choice with 0 hours on PDHs to see how many people against PDH. The choice of 0 to 5 hours is misleading.	1/12/2024 3:48 PM
814	PDHs are discriminatory to those who cannot afford to attend seminars for lack of funds and time. California already has two extra exams for Civil Engineers to gain licensure.	1/12/2024 3:32 PM
815	With the pandemic instigating many more online options for training, it is now much easier for engineers to receive the training virtually, as well as in person if desired. In prior years, it was very costly and time consuming to try to get training in person, many times in areas not close to home.	1/12/2024 3:09 PM
816	I do not support implementing a SEU/PDH hour requirement.	1/12/2024 2:46 PM
817	It is important for BPELSG to make certain that the education they are going to require is available to the different licensees. For example, as a licensed Professional Geologist, I know that there is not much available coursework or seminars that provide geology-centric certified PDH and certainly nowhere near as much as for licensed PEs.	1/12/2024 2:35 PM
818	Agree, as this is provides an ongoing opportunity to learn of new advances in the field and reinforce topics important to professionalism such as ethics.	1/12/2024 2:25 PM
819	Engineers are industry professionals that need to be informed with all things engineering,	1/12/2024 1:38 PM



markets, products, design methods, etc. The industry is constantly evolving. Continuing and professional development helps share the current knowledge. Most engineers likely attend trade shows already and can easily comply with PHD requirements.

820	It is typical for licensed geologists to be employed by consulting firms or independently. Those career paths offer diversity of project work that requires organic professional development. In addition, consultants often have opportunities to present technical work at conferences and other meetings organized by professional organizations. If the Board adopts a requirement for continuing education, a variety of professional development opportunities should be considered to meet the criteria. That way, the professionals' ongoing growth is recognized and the requirement for formal professional development is not onerous.	1/12/2024 1:05 PM
821	Continuing education needs to include ethics, the core of the professional engineers specialty, such as distinguishing among illuminating engineering, power generation and transmission, electrical distribution and associated equipment, renewable energy sources engineering (micro-grids, etc) and electronic engineering (such as computer components). The engineering of connections between utilities and regional power networks is also important so as to highlight the interconnection of geographical power entities.	1/12/2024 11:51 AM
822	I predict it will widely be seen as a nuisance to most people; similar to taxes or HR training. Just an item to check off people's list every year. I understand the intent of trying to keep licensed professionals pursuing knowledge in new technologies and continuing to prove they are competent. However, this will most likely be seen as a burden to most (that we have to pay for) and not as a betterment to our careers.	1/12/2024 11:48 AM
823	Adding a PDH requirement as a condition of license renewal doesn't bring enough value vs. the time and cost wasted on irrelevant courses just to meet a certain number of hours by renewal time and then having to keep track and document it too. I think most of us seek out relevant courses as needed to stay on top of our focus areas and stay relevant in our profession. Thanks for asking.	1/12/2024 11:40 AM
824	Should not implement useless PDTs!	1/12/2024 11:39 AM
825	PDHs typically have minimal oversight to confirm the quality of the "development" and there is not a uniform method for documentation/certification of the time/quality of the PDH. As such, the intent of PDH requirements does not align with the goal of promoting health/safety/ethics. Bi-annual "ethics" training which requires certified trainers with approved training materials could be a value, but not general PDHs.	1/12/2024 11:26 AM
826	The concept is valid to require PDH's, however, there are too many that are not adequate. It creates a requirement of people just trying to get hours. Most engineers are already continuing to learn and keep up with the code anyways, no need to make it mandatory.	1/12/2024 11:13 AM
827	- I'm generally open to continuing education. - I've seen it administered strictly in other jurisdictions, making the program an administrative burden for both the board and the licensee. - Conversely, I've also seen it very liberally administered in some jurisdictions, making it easy for boards to track and non-value add for the licensee. - Would the board be open to recommending key topics and courses that are important to California that highlight changes in code or what the Board feels is important for each discipline? - Could some continuing education be partially mandatory (code update, key topics), while some hours are open to individual interest?	1/12/2024 11:13 AM
828	Development of web based Professional Development programs centered around understanding the laws & statutes governing the professions would be a simple solution that would not require a tremendous effort on the behalf of either the Board or the licensee. Numerous programs already exist for HR & Safety related topics (i.e. - Harassment in the Workplace & Workplace Safety) that are mandatory required annual training for government employees. One of the most time consuming efforts of oversight is ensuring that private companies conform to the laws of the profession. Making easily accessible Professional Development programs that are not excessively arduous will address this deficiency and will improve the function of the profession as a whole. 6-10 hours per year or 0.5-1.0 hours per month seems like a reasonable amount to devote to stay current with laws & statutes and reinforce/improve professional knowledge.	1/12/2024 10:15 AM
829	Many of the PDH vendors are just money making tools and do not necessarily provide valuable content. It is also generally easy to get PDHs by paying for participation (aka "pay to play") without actually being tested or held accountable for competency in understanding the	1/12/2024 9:57 AM

material presented. If PDHs/CEUs are to be taken seriously in engineering, then state boards should mandate the same number of hours across the country (i.e. such as the NCEES Model Law of 15 hrs/yr), and the content should reflect its value. Similar to doctors/physicians, PEs should be also able to take the equivalent of board certification exams to cover PDHs for a number of years. Also similar to board certified and even non board-certified doctors/physicians, salaries and compensation for PEs across the spectrum should be reflective and competitive for top talent to be drawn to the profession and retained long-term.

830	- Continued education is important. - Formal documentation of CE seems to require undue administration. - If it's important, require it but don't require formal documentation. - Is the Board finding that engineers are not pursuing CE and that it is impacting competence and performance?	1/12/2024 9:54 AM
831	California has additional rigorous testing requirements above most other States. Most other states only require the single 8-hour NCEES examination, while California requires two additional exams for licensure that meet the specific engineering environment of California. Utilizing a review of other states' requirements for continued licensure would only make sense if California had the same licensure requirements as the other states.	1/12/2024 9:15 AM
832	Continuing education is an important part to staying up with the technical aspects of our profession and should be required.	1/12/2024 9:01 AM
833	The continuing education courses will likely not be relevant, will be expensive, and will require substantial uncompensated time investment.	1/12/2024 8:57 AM
834	Skill acquisition and maintenance requires motivation. Some engineers/surveyors just let themselves go soft. It can be glaring. Mandating a few hours of formal training won't fix this. If the student isn't motivated, a few hours in the classroom every year isn't a panacea.	1/12/2024 8:57 AM
835	I have PDH requirements for my OR, NC, and AZ licenses. I find that i race to take an online pdh course just before the due date. i try to find something in my field, but i don't see that it applies directly to my day to day work.	1/12/2024 8:42 AM
836	You must first state what problem you are trying to solve. Provide a list of engineering safety defects that have been identified that were solely the result of a lack of continuing education. Stating that other jurisdictions do this does not justify copying it. Adding this requirement creates a burden. I expect it will ultimately result in the loss of licensed engineers as retired consultants will probably not go through the trouble to maintain certification. I do not support this.	1/12/2024 8:25 AM
837	I believe this would not lead to any effective improvements in each of our professional fields. And would only serve to create unnecessary impediments to individuals which already participate in difficult and time-consuming professions.	1/12/2024 8:20 AM
838	N/a	1/12/2024 8:17 AM
839	I am not a fan of PDHs as they typically fall to the waste side and become cumbersome to complete at the end of the year. I am not opposed to some sort of Board structured renewal education though. For example, when renewing by QSD I had to take ~5 hour course (plus tests) run through the Water Board on the new CGP. I actually got a lot out of that course and it was directly applicable to the certification.	1/12/2024 8:11 AM
840	I do not support a mandatory requirement for PDHs. Each day of employment as an industry professional is the ultimate form of continuing education.	1/12/2024 8:07 AM
841	I already have plenty of mandated training through my employer. This would just be additional fees and time away from the job.	1/12/2024 8:04 AM
842	I think during our job, we learn new things every day when working on different projects even if it is the same task. In addition, sometimes our jobs requires us to go out and learn new concepts/ideas so we can implement to be more effective for our everyday work alone. To log it maybe tough, however as an engineer i feel like everyday/every project i strive to learn more already.	1/12/2024 7:45 AM
843	The majority of engineers already perform some type of continuing education through their workplace or other society events. Making this a license requirement only adds to time-consuming paperwork and bookkeeping, and causes additional fees on the part of the Board to create the requirements and see that they are being followed. I don't see a benefit to requiring PDHs.	1/12/2024 7:38 AM

844	My thought is that every licensed professional should be taking the initiative to continue their continuing education throughout their career. Adding in a requirement to have it documented, adds additional burden to each licensee to document the CEU and the board to develop the program and implement it. I would rather see the Board compile information by way of the licensee renewal process (realizing there may be less than complete response to this survey), that way the Board can get a better snapshot of PDH education for each licensee.	1/12/2024 7:31 AM
845	Do not require continuing education. We learn on our own by continuing to practice.	1/12/2024 6:26 AM
846	As a multiple state registrant, I am subject to CE requirements in many jurisdictions. I see attaining CEs the needed push to take/attend courses that stretch my knowledge base of engineering. A 15 PDH per year requirement is a small investment of time to continue to keep your engineering acumen current and ensure life long learning/tune up of engineering skills. I also support the application of CEs on a biannual basis (e.g. 30 over a two year period) versus an every year renewal separate from the engineering license. Several states employ a home state exemption for those not in California and would suggest the board consider that option for out of state licenses.	1/12/2024 6:14 AM
847	Many engineers travel and are away from continuing education provider courses. Also how would quality and relevance be decided?	1/12/2024 6:03 AM
848	As a licensed Professional Safety Engineer, I am already required by my national certifying organization, the Board of Certified Safety Professionals (BCSP) to submit an extensive and varied number of PDH/CEU hours over a five-year cycle. Proposing that a licensed P.E. would be required to do essentially the same thing is a duplication of effort and a waste of money. Most other P.E.s are in identical situations and will probably react the same way to this additional waste of time and money with no benefit to the health, safety, and welfare of the public. This is just one more example of bureaucratic overreach and micromanagement.	1/12/2024 12:42 AM
849	It is a good idea but could pose hardship on some board licensed members. The type of acceptable PDHs would need considerable thought to ensure all members could meet the needed minimum.	1/12/2024 12:37 AM
850	Most active engineers are already engaged in continual education. To mandate it seems like a cash grab by the board and to support the CE businesses that extract significant expense on attendees. Not in favor of this requirement.	1/11/2024 10:40 PM
851	Many PDH providers do not provide valuable content and only release mediocre talks for exorbitant prices. PDH requirements should be matched with holistic, valuable education.	1/11/2024 9:55 PM
852	My past experinnce with PDHs is that courses may be taken because they are convenient but they may not be relevant to areas of practice of the individual is involved in.	1/11/2024 9:49 PM
853	Excerpt for new survey equipment based on the current technology, I believe, based on my 65 hrs of surveying, little has changed with land surveying. If the Board did not require college education to become licensed continuing education would be open for debate. Since college is required to be able to take the LS exam I believe continuing education is of little value.	1/11/2024 8:43 PM
854	I support PDH requirement. However, the execution of this could devolve into just wasting 6-10 hours sitting in a class about material that you are already an expert on just to meet the requirement set forth by the BPELS. It would be nice if teaching peers ones own expertise could be counted toward continuing education of the one teaching the material. After all professional engineers have so much knowledge to share after years of experience. And 100% true that a seasoned PE will have more practical knowledge than a vendor salesman who would love to take an opportunity to take money and offer no beneficial knowledge in return just to make it an easy check mark on the biennial license renewal.	1/11/2024 7:44 PM
855	I am licensed in 16 other states. Many of my licenses require PDH as part of my renewal. Lifelong learning & refreshing one's knowledge is something all engineers should be doing anyway, whether required or not.	1/11/2024 7:15 PM
856	No. Do not require it. It already costs an arm and a leg for Civils to get a PE in California and many of us do NOT get assistance from our employers for it, nor do we get any kind of pay bump for getting the license. It's a money sink and I do not want to have to pay any more money that can't recoup. If it's going to be required, then only require it of NEW licensees, not people who are already licensed.	1/11/2024 4:57 PM
857	I heard a rumor some time ago that the Board was going to implement a requirement for	1/11/2024 4:36 PM

licensed individuals to review the laws and regulations associated with licensure. I believe this would be beneficial as it would help to ensure everyone is aware of the latest laws and remains in compliance. Acknowledgment of this could be as simple as a checkbox as part of the renewal process. However, professionals in the field that wish to advance their career and knowledge base will participate in conferences and other training events to do so. Making this mandatory just adds another layer of bureaucracy and expense that I don't believe will result in any measurable benefit to the public.

858	no	1/11/2024 4:31 PM
859	I think it would be good to make sure that licensed engineers are required to remain up to date on new technologies and best practices. For me, this especially applies to traffic engineering, which has had a big shift in thinking in recent years. At the same time, I believe these requirements should be minimal to lower the burden of time and money spent.	1/11/2024 4:28 PM
860	From what I've seen with friends in medicine, most PDH is a business for providers and a vacation for the licensees. Surveyors should continue to educate themselves and stay current. I don't think copying other organization's models is the way to do it.... The Surveyors unions need to get on board with licensing their members, and Caltrans has career LSITs. Making LSIT retest every do many years would help.	1/11/2024 4:22 PM
861	Every project and expert witness case that I do, requires me to research and refresh my knowledge. Taking classes for the sake of taking classes is busy work and not constructive. I already take classes that I deem necessary for my own professional development. I don't need the State to tell me.	1/11/2024 4:19 PM
862	I do not agree with the implementation of required PDHs. I believe that all engineers should continue to educate themselves in their field but I also believe that the tracking and verifying of "qualified" PDHs is a waste of time and money. The more restrictions placed on the type of PDHs the more costly for everyone.	1/11/2024 4:15 PM
863	Continuing education credits, and the courses that satisfy them, are of very little value, and a money grab and nothing else. Why burden the license holders, make things more difficult for all, and add to the overall costs (as noted above) and bureaucracy?	1/11/2024 4:10 PM
864	While its clearly beneficial to maintain understanding of necessary knowledge and practices, nearly all employed professionals are required to undergo myriad trainings already, usually by their employer. Additional bureaucracy only adds stress and reduces the amount of time available for the individual to seek out trainings/opportunities that they are truly interested in. This professional organization is also one of great mutual respect and trust and such an action, in my opinion, is a signal of distrust.	1/11/2024 3:51 PM
865	I would support if it is allowed to be confirmed through NCEES reporting.	1/11/2024 3:39 PM
866	I don't believe PDHs/continuing education is required because that is achieved through my job via work, training, workshops, conferences, etc.	1/11/2024 3:34 PM
867	If implemented, please try to make highly flexible, and try to allow dovetailing with careers folks actually work in - i.e. don't require technical structural design PDHs for contract managers, or legal PDHs for geotechnical engineers.	1/11/2024 3:34 PM
868	Collecting PDH's to "check a box" is counter-productive and in many cases, places an undue burden on smaller consulting practices. More notably, the success of an engineer, and by extension, their ability to employ state-of-the-art practices aimed at safeguarding public safety will by default necessitate independent professional development.	1/11/2024 3:32 PM
869	There is no need to provide support for continuing education firms,	1/11/2024 3:31 PM
870	I do not like the concept of PDH for the following reasons. As a practicing PG I already spend part of my time attending technical talks, conferences, and short courses to increase my geologic knowledge and review what is required of us as a PG. Adding a PDH means that I would either have to find other talks and conferences that offer PDH, but may not be relevant to my field of geology, or hope the talks add a PDH component. However, I do not like the idea of the course adding a PDH component because then it gives them the ability to start charging just so you can receive some sort of certification of PDH. If the board believes licensee should have some sort of refresher requirement, I hope they would move to the method that the FAA has for drone pilots. The FAA has created a free mandatory refresher training that includes any changes to regulations or problem areas that the FAA has noticed in recent years. Before you	1/11/2024 3:26 PM

can apply for renewal of your license you must take the refresher course and pass the quiz at the end. At that point you can renew your license.

871	I don't think it's necessary and should be voluntary.	1/11/2024 3:21 PM
872	I think the reason to learn about something should not be forced but instead should be out of genuine interest. Most engineers I know are naturally inquisitive and motivated to learn and this means attending classes because they want to learn by choice not because they have to. To that end, collecting PDHs would be an unnecessary inconvenience.	1/11/2024 3:14 PM
873	Implementation would be critical to ensure that approved courses are meaningful for the field of geology that is being practiced.	1/11/2024 2:53 PM
874	I believe requiring PDH's is worthwhile and a benefit to the public safety. I do not think any additional charge to the licensee should be incurred as this only requires reporting by the licensee.	1/11/2024 2:48 PM
875	I thought that the "California Specific Exam" was in place of continuing education. Other states that require continuing education do not have state-specific exams. I do not support the implementation of mandatory continuing education.	1/11/2024 2:47 PM
876	I not so much an advocate of continuing education as I am for practical experience. All the effort seems to be codify everything and separate the responsibility between design, QA/QC, and construction. There is a huge failing with this. The emphasis should directed at making sure the designers are involved all the way through the completion of construction.	1/11/2024 2:41 PM
877	Engineering technologies, and codes change so fast it is sometimes hard to keep up. PDH's will be useful.	1/11/2024 2:30 PM
878	Numerous other states require various amounts of continuing education. I feel it is quite important, and enjoy learning/refreshing my knowledge.	1/11/2024 2:20 PM
879	Maintaining the standard of ZERO continuing education hours can help address the barriers faced by marginalized groups who may not have access or resources to find and pay for professional development hour classes.	1/11/2024 1:33 PM
880	This is an unnecessary burden placed on license holders. Any license holder is already building on their skill set in order to remain competitive in the work force. Another money grab, just stop with this.	1/11/2024 1:26 PM
881	My thoughts are that it should be implemented with an option of learning online courses supplied by BPELSG to earn required PDHs.	1/11/2024 1:23 PM
882	Just want to expand the government, huh? More requirements, more rules, more stuff for you to do, more hassle for everyone else. Ridiculous.	1/11/2024 1:17 PM
883	As a practicing engineer in a state with even more stringent requirements, PDH's should not be necessary to maintain licensing.	1/11/2024 1:17 PM
884	I think some form of continuing education is a good thing to keep all of our skills up-to-date.	1/11/2024 1:14 PM
885	Mandatory continuing education is unnecessary and detracts from time/focus on relevant work.	1/11/2024 1:05 PM
886	I feel that adding documented PDH's is focused on engineers who practice outside their area and punishes those who practice in their area and seek education that is relevant to their work.	1/11/2024 12:41 PM
887	Continuing education forces engineers to spend time/\$ typically on topics that are not related to their field of profession. As a professional engineer in land development, we are constantly researching/preparing for new code releases, looking to new technology and sustainable ways to develop project sites and advancing our education within our professional field. Requiring the PHD would take time away from that and divert that energy into passing online classes that provide any real value into our daily professional lives.	1/11/2024 12:17 PM
888	Engineering principals are slow to change and are best learned by practice in the field. No to PDHs.	1/11/2024 12:10 PM
889	The idea of mandating PDHs for engineers is a ridiculous idea, engineers already use the knowledge of the principals of engineering everyday in their work. To implement such a mandate would be to add an additional unnecessary burden to engineers or else fear for the integrity of their license. A better idea would to encourage engineers to pursue, on their own,	1/11/2024 12:01 PM



some form of PDHs. This could include using these non-mandatory PDHs to offset license renewal costs, or encouraging engineers to seek higher degrees (Master's, D.Eng, PhD, etc.) with financial incentives to help offset costs.

890	Should be done. However, time commitment should be reasonable and not excessive as noted above (large range across the country). Suggest that >10 hours would be appropriate. Rationale (from my experience) is that day-to-day the job itself requires continuing education. So, needs to be a balance on what we need to continue to learn daily through any "additional". THANKS for allowing me to comment.	1/11/2024 11:53 AM
891	This is not for negotiation. The profession remains stuck with licensees that lack necessary skills to be competent. Only through required further education will these people move past this and possess the required skills to become competent!	1/11/2024 11:53 AM
892	I think more details are needed on what Professional Development Hours would look like before a serious poll can be taken. As in, are you expecting licensed individuals to pay for their own continuing education out of pocket? Or expecting employers to pick up the tab? Do these PDH need to be in any particular field? Would continued employment say in the field of engineering or geology count towards PDH? If not, why? I think the board would need to explain why this is necessary in the first place and show that requiring PDH would benefit licensees. Otherwise, this is an additional burden, beyond the bi-annual dues, that you are placing on individuals who already jumped through a number of hoops to demonstrated that they are competent professionals in their field.	1/11/2024 11:42 AM
893	I do not support PDHs because this requirement for PDHs will fiscally impact companies that will need to pay their employees the fees for PDHs and the cost to pay the licensed employees to obtain the PDHs.	1/11/2024 11:35 AM
894	If I could use the hours from other states that I am required to take every 2 years would be ok. Take 24 hours every 2 years for PA.	1/11/2024 11:33 AM
895	I agree with supporting mandatory continuing education. Engineers should take responsibility for keeping up with changes in best practices, technologies, tools, etc. because Engineering is a continuously evolving field and Engineers are directly tasked with critical decision-making. Recognizing that this is a significant shift in licensing , I recommend and push for a gradual shift towards continuing education requirements. A commitment of 10 hours per year is doable and a palatable transition point for moving towards mandatory continuing education.	1/11/2024 11:31 AM
896	I do not think continuing education should be mandatory. This will only create more burden on the licensed individual as well as the Board on managing the new program. Mandatory continuing education courses will not make better licensed professionals. There is not much to be gained from this requirement besides for the platforms that offer courses and will profit from more demand.	1/11/2024 11:27 AM
897	PDH requirements are easily gamed with bogus or irrelevant "trainings" to acquire the requisite hours.	1/11/2024 11:25 AM
898	PDH are an added costs for many and some do not have the resources to pay for	1/11/2024 11:00 AM
899	The PDH requirement does not bring enough value for the time and cost wasted on irrelevant courses just to meet certain number of hours. It will not advance the profession or expertise. Engineers typically take code courses relevant to their practice. Adding a minimum requirement will introduce a burden that is unnecessary for the profession advancement.	1/11/2024 10:51 AM
900	Education/learning is already happening on the job	1/11/2024 10:40 AM
901	A truly professional engineer in practice of their specific craft to be competitive must be up to date and ultra responsible as their reputation, livelihood and license is on the line. This proposal is onerous and bureaucratic.	1/11/2024 10:40 AM
902	They should not.	1/11/2024 10:33 AM
903	Na	1/11/2024 10:23 AM
904	there needs to be more clarification provided on how this would be implemented and what type continuing education would be offered before I would be interested in supporting this idea. Geology is such a broad field, I would want to know how you plan to offer relevant continuing education across all work/field options. I will not take a course in something that does not directly apply to my current work/interests.	1/11/2024 10:02 AM



905	Following the NCEES standard would significantly reduce the burden on license holders. Especially those that hold a license in multiple states.	1/11/2024 10:01 AM
906	For professionals to be active and engage in the field requires a "personal" commitment to remain current with the market. Otherwise, they do not work. Requiring PDH serves only an admin exercise. For example, professional needs to send in documentation of any relevant/irrelevant activity that provides a PDH credit to so is essential to maintain your participation in the discipline. meone who tallies them for the Board, additional person validates, communicates with professional, etc. etc. The exercise does nothing to assure the professional is staying current in their field. I have been a PG/CEG for over 30 years, and managed PGs. A PDH requirement would not influence those who do not maintain their own personal responsibility of a level of proficiency.	1/11/2024 10:00 AM
907	Its just more administrative burden, any geologist doing actual geology related work should be keeping up on the latest and greatest by the nature of the career, often time for engineers, they receive continuing education credit for attending marketing promos by vendors, etc., so its only valuable if there is an accredited CE program, and that's not worth the time and expense to implement.	1/11/2024 9:59 AM
908	It is NOT necessary to have mandatory PDH involving lots of Board's checking and expenses for licence renewal. More efforts should be on how to create more jobs for engineering graduates, and expand their real work site experiences. The PDH courses are not useful, as licenced professionals are already learning from real work experience and updated journals.	1/11/2024 9:56 AM
909	All we need is Code-update refresher courses and we're done.	1/11/2024 9:53 AM
910	PDH doesn't bring enough value vs. the time and cost wasted on irrelevant courses just to meet a certain number of hours by renewal time and then having to keep track and document it too.	1/11/2024 9:45 AM
911	Technologies, challenges, and industries are ever evolving. In response, geologists should make sure their knowledge and skills are relevant to maintain their professional status.	1/11/2024 9:45 AM
912	If certificates are required to be obtained from the providers of continuing education, there's a cost in both time and money for the licensees. That's a burden for them. However, now that continuing education is easily attended via virtual meetings or even asynchronously via streaming, it's less of a burden than in the pre-pandemic era.	1/11/2024 9:37 AM
913	It's a huge hassle to get them each year (I do for another state), however, I believe it is good to continue education in one's field. My concern is the educations and trainings in my field that are done in group settings such as webinars. What would be accepted as documention for these?	1/11/2024 9:34 AM
914	CE programs rarely reenforce the fundamentals and are typically fulfilled by lessons in niche knowledge that do not actually advance ability. The Board seems overtaxed already - how do they envision funding and managing a PDH program? If fees are increased to fund PDH programs, many less active licensees will close their status, reducing overall funding.	1/11/2024 9:34 AM
915	To be a licensed engineer, it is important to keep up to date on new codes, technologies, etc. However, this is an expectation of any engineer and I don't feel that the community as a whole needs to pay more to be policed for taking classes or checking boxes in order to keep their license. Anyone who is a practicing engineer will continue to develop their education through experience and should not be hindered by having to take a standard class followed by a test in order to keep practicing.	1/11/2024 9:33 AM
916	It's a decent idea in theory but a terrible idea in practice. Most of the classes are useless and expensive and a waste of time	1/11/2024 9:31 AM
917	I think it depends on what field you work in. Civil engineering is so broad. I do more general engineering and my current employer already requires annual training and continued education so I don't see any value added for my case since I don't do technical work. If going to implement PDHs, please provide a wide range of what that looks like so it includes folks who do more project management versus detailed design work. Thank you for your consideration.	1/11/2024 9:25 AM
918	Are you seriously going to add a new requirement that provides no value to anyone and charge us more for it? No, do not do this.	1/11/2024 9:21 AM
919	This seems unnecessary as a practicing licensed geologist and seems like a way to price gouge licensed professionals after spending hundreds of dollars to acquire said license. My job	1/11/2024 9:20 AM

	gives me enough "professional development hours"	
920	if surgeons only have to retake the Board every ten years, and their job is much more important, why are we being required to upkeep our PE every year? sounds like a way to get more money from licensed professionals into the pockets of BPELSG	1/11/2024 9:17 AM
921	I believe that we continue to acquire knowledge during as we are exposed to the challenging situations that come up in the industry	1/11/2024 9:17 AM
922	I believe the PDH's requirements are irrelevant. The PDH course required in many states are not well matched with the requirements for a PE license. This adds expenses on both an administrative platform and individual bases with no benefit. PE's have already shown they can meet the merits for certification and take on additional liability that they manage for documents they stamp. It is in the interest of the engineer to maintain knowledge on the subjects they stamp to avoid lawsuits or loss of licensure. That is more than sufficient motivation to keep engineers up to date. Requiring mandatory training and additional fees is unreasonable.	1/11/2024 9:15 AM
923	This will not make better more well informed professional engineers, all this will do is waste the time of professional engineers while they keep track of all the requirements from multiple states. This is enriching a bunch of training companies at the expense of professional engineers, do not do this.	1/11/2024 9:11 AM
924	PDH's are a waste of time and don't actually help us with professional development.	1/11/2024 9:09 AM
925	Due to our job requiring mechanical engineering everyday, I don't believe that continued education is necessary.	1/11/2024 9:08 AM
926	As most professional engineering with active licenses do, I use my license for 2,000+ hours a year in my work place. These 2,000+ hours of work, in my opinion, are sufficient for my professional development.	1/11/2024 9:08 AM
927	If a professional is serious about their quality of work they will stay current, if not they will eventually lose their license through mistakes. Laws do not change enough to justify the burden of the cost to smaller private business. The price of seminars is too steep for small businesses and I have never taken a seminar that taught me anything new.	1/11/2024 9:05 AM
928	If there is evidence of increased failure by licensees to uphold the ethical and technical aspects of licensure then I would support mandatory continuing education. If there is no increase in the complaints filed against licensees regarding ethics and technical ability then I do not support continuing education.	1/11/2024 8:57 AM
929	not enough programs to implement on a local level but support continuous learning.	1/11/2024 8:53 AM
930	They have not been required before and everything seems to be fine. Why require them now?	1/11/2024 8:48 AM
931	Board should consider	1/11/2024 8:48 AM
932	Too often engineers take irrelevant classes only to satisfy the pdh requirements. I take classes that benefit my professional work. If there are years when I see no benefit, I take no classes. Requiring pdh's is a waste of valuable time.	1/11/2024 8:44 AM
933	Seems like a good idea to me. I have been registered for 47 years.	1/11/2024 8:43 AM
934	I like the idea The questions have a huge variation with potential costs and hours which isn't quite fair to assess but I like the idea.	1/11/2024 8:37 AM
935	I am required to earn PDHs for other state licenses and I do not feel the value is worth the time, energy, and cost of it. CA PEs are typically more thorough and technically advanced than any other state and being as we have not required it so far, I think that we are doing a great job of staying up to date.	1/11/2024 8:27 AM
936	Staying up to date on the latest rules and procedures is never a bad thing.	1/11/2024 8:12 AM
937	I am in favor, as I already am required to maintain PDH for other State and Professional Boards. As provided, I don't see the need to have additional fees for PDH, as they will typically cost to obtain and there are other ways to self manage and report. Look to Oregon PELS or ITE's PDH system for support of PTOE	1/11/2024 8:11 AM
938	CA likes to state that we're state of the art for engineering, but we have no requirements for PDH that would hopefully require licensed engineers to maintain their education and stay	1/11/2024 8:10 AM

	current on trends. I feel there are too many engineers that get licensed and then never have to do anything except pay a fee to stay that way and it doesn't encourage them to stay current on the state of practice or on ethics. Ethics should be at least 1-2 hours of the PDH annual hours.	
939	Please do not add this wasteful, time consuming, and low value requirement to the PE license. All you are doing is creating a new system that provides no value, the marketplace does a fine job of taking care of any engineer that does not keep current on their training and technologies.	1/11/2024 8:08 AM
940	Humans tend to forget, and the profession evolves with time. There is no better way of enforcing licensing other than mandatory PDH.	1/11/2024 8:08 AM
941	we should be able to choose Continuing education in our field of expertise. example would be, if you are an oil and gas geologist, you can take oil and gas training, not trenching or soil sampling.	1/11/2024 8:02 AM
942	I support the need for continuing education but not the requirement that it be enforced by the collection of CEUs. I have had a PE license in another state in the past with a CEU requirement and it focuses energy on collecting CEUs and not necessarily getting the best training. I dislike having to choose training based on the CEUs awarded to meet a minimum annual requirement and not on how well it may improve my engineering knowledge for my specific work.	1/11/2024 7:55 AM
943	There are many Surveyors and Pre 1982 Engineers that could benefit from professional development. Although we won't always come to the same conclusions, I think accepting the current legal principles and discussing them would help the public good so that property owners can be sure the Surveyor has applied the correct principles that could be upheld in a court of law.	1/11/2024 7:54 AM
944	I like the idea of PDHs. However, I have to have PDHs (CEUs) for a couple other licenses or registrations that I hold and have found that the hardest part is determining what classes would be appropriately qualifying for the particular license. So, unless the Board could be very specific about what providers or what classes would qualify, I don't like the idea for the Geology license.	1/11/2024 7:51 AM
945	The way this is presented it seems like another way for the state to collect yet another tax on its registered professionals. If the license holder got a credit (5-10\$) on their renewal fee (AKA a discount) then it would incentivize people to do so. By keeping a license active and staying in the industry we stay up to date on the relevant information.	1/11/2024 7:51 AM
946	Requiring PDH can be a way to help engineers stay up to date on advancements in their profession.	1/11/2024 7:51 AM
947	At least in my area land surveyors seem to be well self regulated through our peers.	1/11/2024 7:44 AM
948	PDHs should help maintain a person's competency or present new ideas for their license to remain active.	1/11/2024 7:39 AM
949	I don't believe this should be implemented.	1/11/2024 7:38 AM
950	There should be an allowance to demonstrate skills through job experience	1/11/2024 7:36 AM
951	Considering the continual updating of governing codes and standards as well as the ever increasing body of engineering knowledge, I think continuing education is a must for active professionals. I am currently retired, but was at one time registered in NY where CEUs were required for license renewal.	1/11/2024 7:33 AM
952	I do not think requiring mandatory continuing education does anything more than create hoops to jump through. It is a money grab time waste.	1/11/2024 7:20 AM
953	I don't think they should.	1/11/2024 7:07 AM
954	All reasonably acceptable courses should be should be acceptable. Care should be taken to avoid protocols that disqualify valid continuing education coursework.	1/11/2024 6:45 AM
955	California already leads the nation in seismic design even without PDH's. It is a necessity of doing business here and one that engineers must be well versed in to get through the thorough plan review agencies that this state has. PDH will not bring much value to the engineering community and will just be another regulation to "check the box" causing additional burden on state and company budgets.	1/11/2024 6:44 AM

956	Almost every other state requires continuing education for their licensure. I have been shocked that California, which has a more difficult exam (for civil engineering) than any other state, has NOT required it for so long.	1/11/2024 6:37 AM
957	Please understand that licensure in the State of California already requires an education and level of technical training/expertise than any other state in the Country. Therefore, compared to states with less challenging licensure requirements, we should not feel the need to enact as many PDH's as them. Lastly, there are enough fees and paid to the board as a part of applications, examinations, and licensures in order to perform their duties. Therefore, I do not support additional fees related to PDH's. Rather, I would ask the board to spend as much time as they have here on the matter of applications for licensure submitted to the board and their lengthy review process. For a state that has a significantly higher application rate than any other in the Country for licensure we seem to have the least enabled system for processing, reviewing, and approving said applications. Time for a change. Thank you.	1/11/2024 6:32 AM
958	I think mandatory education in ethics is beneficial, 2 hours per year. However I do not feel mandatory education in other areas is warranted - if a registrant is not keeping up with his/her area of expertise their career will suffer.	1/11/2024 6:15 AM
959	I am licensed in 9 other states which require professional development hours for each biannual renewal period. In my opinion, requiring not more than 15 PDH / year would be reasonable.	1/11/2024 4:36 AM
960	yes but give great range of ways to obtain pdh's	1/11/2024 4:23 AM
961	The licensed engineering community that I am familiar with participates in continuing education. I do not support institutionalizing a requirement of continuing education. As stated in your survey there will be the additional cost to the board to administer it as well as a potentially unreasonable number of required hours. Is there a demonstrated incompetency in practice caused by a lack of continuing education? I don't believe so. We worked hard to earn our licenses and we don't need additional requirements in order to keep our licenses.	1/11/2024 4:19 AM
962	I think this has been an issue for community and reciprocity for years. Having this in CA puts us in line with the rest of the US. And face it; continuing our educations and staying current helps everyone.	1/11/2024 3:10 AM
963	Long overdue. The profession should continue education throughout their licensure to address changes in techniques, technologies, and laws/regulations. The Board would also need to provide standards and oversight of the teachers and subject matter being offered. As an example, a few years back the SMGB considered changing the A-P Act to allow placement of HOS across active faults. The law change would have required PG's to conduct 3D trenching. Most PG's are not trained in 3D trenching, requirements for adequate site selection, and identification of 3D fault offsets. A recipe for disagreements with gov't. reviewers and incorrect interpretations of results. The expertise for this technique lies with commonly unlicensed professors and their students. Yet the potential existed for untrained or poorly trained licensees to conduct and oversee this technique simply on the basis of their existing PG. Changes in tech include UAVs and AI. Without mandatory CE, older licensees could easily offer services that have a greater potential to affect life safety of California citizens by improperly diagnosing geo hazards and utilizing new tech without adequate training. If CE is expected of engineers, surely CE should be expected of PGs and PGP's.	1/11/2024 12:36 AM
964	I think it is reasonable for the board to consider adding PDHs as most other states require them	1/10/2024 11:40 PM
965	If mandatory, the course should be designed to have relevant content to be considerate of people's time.	1/10/2024 11:35 PM
966	Mandatory PDHs should have been required years ago. Thank you for getting to it now.	1/10/2024 11:17 PM
967	I have observed other mandatory continuing education programs totally miss the mark on ensuring consistent, capable, credible licensed professionals. If it cannot achieve this outcome effectively, then what is the real purpose of the change?	1/10/2024 10:43 PM
968	Personally, I don't think PDHs are a necessary thing and would consider them a waste of time, especially given that Civil Engineering is not an industry that has frequent significant advancements or changes rapidly, such as medicine. If a licensed individual wishes to pursue additional learning, they can choose to take classes, this shouldn't be mandatory.	1/10/2024 10:26 PM
969	Serves no useful purpose. Takes too much time away from work. Just more bureaucracy.	1/10/2024 10:18 PM

Should be left to the individual professionals judgment.

970	Would only support if it is relevant education and not a minimum required number of hours that bring no value to the profession. Required training around updated code requirements or design methodologies or ethics would be understandable.	1/10/2024 10:07 PM
971	In theory I support a PDHs if there are affordable options that are state approved. Other states may have the requirement but do not offer much guidance on what programs are accepted. Likewise, quality PDH coursework can cost ~\$2k for 20-30 PDHs which is a significant burden. There are cheaper courses available but they offer little to no educational value. My fear is that in order for this requirement to be effective it will cost the Board a significant amount of money to implement and manage which will be passed on to the PEs.	1/10/2024 9:53 PM
972	My observation of CEUs or PDHs in other fields has been that rather than serving as an opportunity for professionals to gain deeper knowledge in the field, the requirement becomes another box that must be checked and the most efficient method to getting the PDHs is taken in order to do so.	1/10/2024 9:49 PM
973	This tends to be a scam by companies trying to get you to buy their seminars, etc....	1/10/2024 9:44 PM
974	I think mandatory continuing education is critical at least for licensed Structural Engineers as the field of structural engineering is continually evolving and due to the unique and severe seismic hazard present in most of the state.	1/10/2024 9:40 PM
975	yes	1/10/2024 9:28 PM
976	Terrible idea.	1/10/2024 9:26 PM
977	I currently have to accrue PDH for other certification in my specialty fields of water resources and construction management. Additional requirements for my PE license would be burdensome and costly.	1/10/2024 9:12 PM
978	I believe some form of professional development/ continuing education should mandatory.	1/10/2024 9:07 PM
979	Impractical in many fields. EE certainly is so wide that it would not be meaningful. I like the idea to encourage professional development and membership in industry groups.	1/10/2024 9:02 PM
980	Great opportunity to share cases, explore problems and refresh knowledge as well as networking /socializing with professionals alike.	1/10/2024 9:00 PM
981	No, the Board shall not consider implementing mandatory continuing education. As a PE I am continuously educating myself to keep with the code changes and technology advances. Having to prove this to somebody just adds unnecessary administration, cost and is extremely annoying.	1/10/2024 8:57 PM
982	Very support of having a PDH requirement. PDH's encourage professional license holders to engage in education to better ensure their knowledge and skills regarding ever changing regulations and solutions.	1/10/2024 8:56 PM
983	Yes the board should implement continuing education hours. In my experience, licensed individuals stop progressing after achieving licensure. It is import to the individuals and the public for continuous effort of improvement. Continuous education should help maintain a minimum and basic level of knowledge. It only helps our profession.	1/10/2024 8:56 PM
984	It should	1/10/2024 8:51 PM
985	Continuing education is a good thing, and needed.	1/10/2024 8:50 PM
986	Licensed professionals practice day in and day out. They are good at what they do and what they specialize in. If implemented, the Board, and associated vendors, will have to cover a very wide range of topics to be sure all areas of practice and specificity are covered to make PDHs worth while.	1/10/2024 8:44 PM
987	Forced continuing education will not add value if participants are only doing it to check the box. Should remain voluntary and encouraged. Also avoids extra administrative effort to track and enforce the requirement.	1/10/2024 8:24 PM
988	I think that it is good as a professional to acquire continuing education throughout the practice to both stay current on new topics in the field and refresh basic principles' that can be lost when focused in one or two aspects of the practice in day to day activities. I also believe that	1/10/2024 8:09 PM



if a Professional needs to acquire PDH's annually or biannually, they will generally acquire them in a format where they will "mingle" with other professionals. I have found this to be most beneficial both Educationally in the class hearing others opinions and in a Social Networking since by meeting other Professionals you may not otherwise meet.

989	I never could understand why this was not required for engineers when it is required for many other professionals. It's about time.	1/10/2024 8:05 PM
990	Do not support proposed action.	1/10/2024 7:57 PM
991	General continuing education is too vague a concept to evaluate adequately. Specifically, what types of courses would be offered and would they enhance performance better than actual experience.	1/10/2024 7:56 PM
992	Ethics should be required and technological education should be with each individual to pursue.	1/10/2024 7:55 PM
993	If mandatory continuing education is implemented, the training classes need to be widely available and convenient to attend. Online classes need to be acceptable and available as well as in person. In recent years there appear to be far fewer land surveying classes being offered.	1/10/2024 7:51 PM
994	I have no problem with it since Texas makes us do it. However, if the Board makes it mandatory, they need to make it free or cheap since we licensee's have to pay so much just to register bi-annually and on top of that, we have to pay so much for code updates such as the cbc, green book, astm manuals, steel manuals, and computer programs. The education should also be taught by on-line videos through someone showing sharing their knowledge. Kind of like the PE training courses. Materials/ courses should be split into branches such as, civil, geotech, structural, transportation, water, construction. If a person wants to choose any topic, they may and it should be accepted by the Board.	1/10/2024 7:50 PM
995	I have been through this in another state in which I have practiced. The idea sounds good but the result is more work and expense for the LS who is also poorly served by the shabby quality of the CPD classes. Also, I am a big believer in the need for a BS degree to be a surveyor.	1/10/2024 7:44 PM
996	The Board should consider mandatory continuing education that is relevant and useful. Eligible curriculum should include approaches, techniques and systems that have been proven effective, especially those that have not yet been broadly adopted. Free PDH presentations should be considered if they meet the same criteria as paid PDH presentations.	1/10/2024 7:32 PM
997	Conscientious professionals already manage their continuous learning process and do not need to have it dictated to them. Mandated training more often than not leads to a "check the box" attitude and can actually detract from the positive development of professionalism.	1/10/2024 7:25 PM
998	I am currently licensed in 36 US states and 4 Canadian provinces, and as such, I am subject to mandatory PDHs in most of those jurisdictions. My opinion regarding PDHs in California, my home state, is that there is no significant problem with engineers, so therefore there is NO NEED for the "solution" of mandatory PDHs, i.e., "don't fix what's not broke." Mandatory continuing education is an unnecessary and annoying burden; it would only increase bureaucracy (and Board power ... no offense). In my opinion, California does not have a significant problem with incompetent or unethical engineers. Those few engineers that are proven incompetent and/or unethical in disciplinary cases should be subject to appropriate punishment and "continuing education." When incompetent or unethical engineers are identified, it makes sense to punish and educate them, of course, but it makes NO sense to punish all other engineers in the state - utterly ridiculous! An analogy comes from the state's gun control debate: it makes no sense to effectively disarm licensed conceal carry weapons holders because unlicensed criminals are committing gun crimes. Another example: let's punish all licensed engineers because a few unlicensed knuckleheads were caught - hey, I'm no legislative genius, but why not limit the punishment and education to the unlicensed perpetrators? Conscientious engineers will in the course of responsible practice tend to self-educate and keep up to date. Codes and standards change on a 3- or 6-year cycle (i.e., the California Building Code, ASCE 7, etc.), so the market effectively makes engineers keep up to date. Mandatory PDHs is yet another new "unfunded mandate" or tax on engineers in California. If the Board leans toward mandatory PDHs, I would ask that SCIENCE be used as the basis for such a decision, i.e., prove by pertinent facts, studies, statistics, and dead-body count that burdening ALL competent and ethical engineers in the state will somehow solve the (perhaps minor) problems caused by a few incompetent and unethical engineers or unlicensed individuals. I've seen this debate play out in other states where I am licensed. The	1/10/2024 7:25 PM



bureaucratic argument is often that "many other states are doing it," and there is never a SCIENCE-based response or justification. In my opinion, the great state of California need not copy the bad decisions made in the other states populated predominantly by incestuous morons and racists and religious fanatics. By the way, did you hear about the giant new zoo in Texas? Yeah, they built a fence around Oklahoma. Also, if a couple married in Georgia move to California and get divorced, are they still brother and sister? My point is that California doesn't have to do what the other lesser states do. Another argument I've seen repeated in other states is that polls show that the public will respect the engineering profession more if they know that mandatory continuing education is required of engineers. What garbage. Real public safety should not be conflated with public "perception." And I do not consider polls of public opinion to be real data science; after all, they think we drive trains. Finally, in a live webinar poll on this subject in a neighboring state, I've seen a one-word answer to the question "Why do you think mandatory continuing education is NOT needed?" The single word answer that occurred several times was simply "California." In summary, I am opposed to mandatory continuing education because: it is a "solution" to a non-existent problem; it should only apply to those engineers who have been found incompetent and/or unethical in an actual disciplinary case and not broadly applied to all engineers in the state; I do not believe there is any real science to support burdening the predominantly competent and ethical professional engineers in California due to a few bad apples.

999	Most western states have continuing education requirements. Aligning with them would be most helpful for registrants. A total of 30 PDH for each two-year renewal will not place undue burden on registrants.	1/10/2024 7:14 PM
1000	Engineers should seek continuing education themselves if they choose to do so. The should not be mandated to do so. Many boilermakers have exploded, many bridges have collapsed, and many electrical circuits have failed at the hands of engineers across other states whose Boards mandated them to continue their education. In conclusion, documenting mandated continuing education does not correlate to competence but does create additional expenses to the California BPELSG and licensed engineers at the profit of continuing education providers (with no direct correlation to improving public safety).	1/10/2024 7:13 PM
1001	I am currently licensed in 3 other states, all of which require the PDH's to renew. This requirement forces me to keep up-to-date with important changes within our industry as well as learn about essential changes in design procedures/codes in a concise way that is generally more efficient than doing my own research. I generally attempt to fulfill my PDH requirements in person at SEA conventions or meetings. This not only enables me to ask questions or take a deeper dive to seek clarity, but also allows me to stay visible and to develop/maintain relationships with so many key contributors within our profession.	1/10/2024 6:48 PM
1002	I think this should be a part of all professional licenses. There are too many issues from surveyors that could be resolved by requiring continuing education on a yearly or biennial timeframe.	1/10/2024 6:43 PM
1003	I think people learn what they need to know through their jobs. Civil engineering is very broad. As a civil engineer for structures, I don't need to know anything else about wastewater engineering, for instance. If I need to learn something new outside of my job I can take an extension course. In my working years, I have taken 14 courses beyond my masters degree. I don't need to be told to take any other courses. Please respect my time.	1/10/2024 6:42 PM
1004	I think it would be good.	1/10/2024 6:41 PM
1005	I support a requirement to force license holders to stay engaged with current practice and standards. HOWEVER, I worry that they requirements are just a money making initiative by certain professional organizations who financially gain by lobbying for these requirements and then providing very expensive classes. Our profession should be open to people of all economic classes and I worry about forcing a person to pay even more money to maintain their career. Not all workplaces will reimburse for these kinds of costs and even those that do appear to cover less and less each year. If implemented, the focus needs to be on actual value-added leaning and not box checking. And not a way for consultants who offer these credits to build their businesses! I would hope that some sort of free options involving self-study or auditing coursework will be considered as acceptable. I have very low opinion of some courses offered in other states because they seem to be busy work and unhelpful.	1/10/2024 6:41 PM
1006	I support PDHs for the ethics portion of licensure, however all other continuing education should be the responsibility of the licensed professional.	1/10/2024 6:29 PM

1007	This is a terrible idea. This costly requirement disadvantages small women and minority firms and independent sole practitioners. It is an inequitable proposal.	1/10/2024 6:27 PM
1008	I believe continuing education would not make a meaningful difference in land surveying quality/professionalism and would also be another expense in an already very expensive world.	1/10/2024 6:12 PM
1009	Definitely no. I have multiple credentials. Some require continuing education and some do not. What I've found is that it ends up being nothing more than paperwork. Those that want to learn will continue in learning. Those that don't won't. In the end, all you've created is more bureaucracy and taken professionals away from real development. PLEASE do NOT pursue this misguided initiative.	1/10/2024 6:11 PM
1010	Mandatory continuing education should absolutely be implemented by the BPELSG! As a licensed professional, I have an obligation to stay educated and informed on the current legal and technical changes affecting my practice. The state has an obligation to protect the consumer from licensed professionals who might have passed a test once upon a time, but don't remember what they once knew or stay current on the ever-changing laws and technology of the profession.	1/10/2024 6:09 PM
1011	California is way behind other states in continuing education. I am a registrant in three other states that require continuing education. Other professions require it, why not the professions covered under BPLESG?	1/10/2024 6:05 PM
1012	I feel that it is a unnecessary use of resources with licensed PEs already continuing learning on the job and updating themselves to stay relevant in the field.	1/10/2024 6:03 PM
1013	I believe our Engineering profession in California seeks out continuing education that is relevant to our job roles now and making it mandatory as a condition of licensure will only serve to add cost and wasted time to the licensee in order to sit through irrelevant courses just to meet a minimum number of hours and then retain documentation to prove that work. In my company we have licensees in many states and I don't see a difference in the quality or advancement of the engineers that have PDH requirements for their licensing vs the CA PEs. I don't feel there will be much value gained by adding the PDH requirement. We have to stay on top of the advancements in our profession to stay relevant and competitive in the market place right now.	1/10/2024 6:03 PM
1014	I am all for it! Although I find it ironic that you are exploring "continuing" education requirements when the initial education requirements are so lax! We need a four-year degree requirement.	1/10/2024 5:55 PM
1015	Makes sense to require engineers to keep up with current code requirements/research	1/10/2024 5:53 PM
1016	DEAER BOARD This is a stupid idea. Civil engineer is a market driven profession. To be an effective engineer we must keep up with all changes in regulations and best practices. Continuing education is joke, designed to employ people who are not dedicated enough to practice engineering. Martin B. Parissenti RCE 30747 706 Maya court , Fremont Ca 408-398-1706	1/10/2024 5:52 PM
1017	It will be a financial burden on many of the engineers whom struggling to pay their bills... Please don't increase our agony... This continue education requirement will be the reason of many dropping their license... This will be another way of the board to collect money or making other vendors making money on our account... Please stop this fancy ideas...PLEASE	1/10/2024 5:47 PM
1018	Not a bad idea	1/10/2024 5:46 PM
1019	My CA agency already requires ongoing education related to job-specific responsibilities and duties. Board's process would duplicate efforts already required by another CA agency.	1/10/2024 5:46 PM
1020	These are money-making schemes that are pushed onto State Boards by vendors who will make money offering the courses. These are SCAMS!	1/10/2024 5:42 PM
1021	A professional licensee should pursue education on their own without a board requirement.	1/10/2024 5:39 PM
1022	I would want to see what types of education are allowed, and would support widely available (and relatively economical) methods.	1/10/2024 5:36 PM
1023	YES, implement, but ONLY if formally considered and documented is the same concern for Exemption in ELECTRICAL and MECHANICAL Engineering, which have 'exemption' for certain engineering described in the PE Act/ or by certain industry or utility, notwithstanding impact to	1/10/2024 5:33 PM

public SAFETY. Other professions, e.g., the legal profession, CA State BAR requires continual education and ethical training. Why and what logical argument for not the same in the ENGINEERING profession? Particularly when even given already the EXEMPTION CLAUSE(which ignores--or exempts/excludes-- the EDUCATION and License, Experience, Fees, and E.I.T./PE Exam requirements for industries exempt, notwithstanding RISK and NEGATIVE impact for SAFETY. which is PARAMOUNT-- even more important to address than the continual education credits(PDHs/PDF requirements), is the exemption sections and clauses for exceptions that do not apply the PE Act for 'practicing' equally to Mechanical and Electrical within PE Act as compared to CIVIL Engineering. Safety on the premise of the purpose and intent of the PE Act provisions, BPELSG, PE Licensure and enforcement of, "[i]n order to safeguard life, health, property and public welfare" clause is lost or unfulfilled through the EXEMPTION(which has no EDUCATION requirements). The CA PE profession, and PE Act begs the question, and on its face, the exemption clauses, because there is no PE Act requirements for Responsible Charge requirements for engineering(any and all engineering for where PE Act exemption / exception applies), notwithstanding areas of engineering where in fact impacted or risk of impact(negative) is the public from such engineering practices, engineered products and engineering services. E.g., Artificial Intelligence, Machine Learning, Automated Vehicles, Communication Devices, Cyber Security, protection of Networks or DATABASE PROTECTION containing Personal Private Information, etc.. .each of the foregoing are aspects clearly of ENGINEERING (creative work of math, science, etc.) which can, has, does and will continue to have negative ramifications and consequences towards the PUBLIC Safety, Health, Well-Being, for those products and services engineered without Responsible Charge and Licensure. The profession, PE Act Exemptions need more attention/ focus by the BPELSG and proposal for improvement from existing than Continual Professional Education Hours. If the PDH's / income revenue from can support that movement and cause for safety, requiring Responsible Charge for engineering products and services that impact/ high risk to impact public safety, then yes, include to PDH support. .

1024	Is there documentation of increased success among PEs who documented PDH? I believe it is the individual's responsibility to be educated about the matters in their purview.	1/10/2024 5:31 PM
1025	My wife is a Registered Nurse who has a continuing education requirement. For nurses this could be a reasonable requirement due to the constant changes within their profession. I have seen how their requirements have become a "cottage industry" of generally useless classes that merely fulfill the requirements. Civil Engineering and Land Surveying do not substantially change over time so there is no rationale behind mandatory continuing education. It will become another wasteful industry that exists to take money from licensees. There are plenty of good classes available should we decide to learn something new or beyond our experience. Trust us, we are Professional Engineers and Professional Land Surveyors.	1/10/2024 5:31 PM
1026	I feel that the board should definitely implement mandatory continuing education.	1/10/2024 5:29 PM
1027	As engineers we bear responsibility for our work, and obtaining whatever education we determine is beneficial is included in that. I'm against any sort of mandatory continuing education requirement, not because I'm against continuing education but because by holding this license I accept the responsibility for my own development. It's not the Board's position to hold my hand and tell me what's best for my professional development.	1/10/2024 5:15 PM
1028	Need to see research on whether it is needed or effective.	1/10/2024 5:14 PM
1029	While it can sometimes be difficult to fit PDH's into a very busy schedule, I believe the positive value of learning new concepts or reinforcing existing concepts outweighs the few hours per year it will take. I also think it helps raise the bar amongst all licensed engineers to stay in tune with current practices.	1/10/2024 5:13 PM
1030	While I do not currently have any licenses in any states that require continuing education and I am thankful for that, I do feel it is important for all engineers to better themselves and I think this will force everyone to do this.	1/10/2024 5:12 PM
1031	We are constantly updating our knowledge during our practices adding and requiring more time and adding more expenses for unproven benefits, just because some other jurisdiction do it is not something we need .	1/10/2024 5:09 PM
1032	I object to the requirement for PDHs for licensure. 1) The documentation and tracking of PDHs to submit them to the state is a burden on both businesses and individuals. The industry does not need additional regulatory drag on already tight profit margins. As engineers, we are already busy with deadlines and additional PDH documentation requirements are a burden on	1/10/2024 5:06 PM

our time and work-life balance. 2) There are two types of people, those who want to grow and enlighten themselves, and those who want to do the minimum possible. I'd like to think that our profession attracts many more of the former than the latter. Unfortunately, regulatory requirements can only really target those who just do the minimum, imposing a documentation burden on the rest without real benefit. 3) I find it hard to believe that the enactment of a PDH requirement for professional engineers will increase public safety. PDHs can be easily acquired by signing up for web-based seminars on a variety of topics that will not improve public safety. (Some people may even turn on webinars and not pay much attention to them.) This is not to say that these topics are not useful, but they may not support the Board's goal of public safety. 4) This is not a fast-changing field like medicine, where technological innovations over a matter of a few years can make huge differences. Materials like concrete, steel, masonry, and wood are mostly the same as they've been for decades. Building code changes are incremental and only implemented every 3 years. Honestly, I know many older engineers who aren't that "up to date" on current code provisions but are much better engineers and will provide better public safety than their younger counterparts, even though they don't attend as many education seminars. 5) unlike medicine, we have a system that already has a lot of layers of checks and redundancy in it. One person's design is then checked by another person as planchecker and then built by a contractor, so there are multiple points along the way to catch an issue. Compare this to doctors who consult with a patient one-on-one, a situation where the patient's life may be highly dependent upon the doctor's knowledge. 6) The time and financial burden on the industry is likely not worth the negligible increase in public safety. I urge you to consider this requirement based on an analysis of benefits and costs, and not based on what other states are doing. Consider that failures that affect public safety do not appear to be more statistically probable in California than in states that have had PDH requirements for many years. (I'm sure there's data out there somewhere, although actual failures are very rare anyway.)

1033	48 states require PD. Most states have requirements for some sort of survey specific degree to be eligible for PLS. I've checked scores of map submittals and see that a much too large percentage are substandard. I've taught exam review classes and find that with dwindling number of practicing survey professionals in California to mentor the up and coming, the attendees are grossly unprepared: they come expecting the less than 100 hour review to cover the entire extent of the subject matter. If the State insists on continuing to offer licensing opportunities to unprepared applicants at least require educating these folks afterwards.	1/10/2024 5:03 PM
1034	There is no problem with geologists not being adequately educated. The problem is with a lack of professional standard of care enforcement. I learned of this first hand when I moved from Los Angeles County where there is strict review to Sonoma County where there is no review at all for almost all projects. In fact, my belief in the value of standards published by the BPELSG, Board for Geologists and Geophysicists, Mining and Geology Board, and CGS has made me a perceived "enemy" of other geologists in Sonoma County who strongly object to any peer review of their work. Their objection to my review of their work is so strong that four complaints against my license were made simultaneously by geologists whose work I had reviewed. Initially three of the complaints resulted in a "conviction" by the Board's "expert" and one resulted in an "acquittal". If you look at my records you will see that one of the "convictions" was for a complaint by William McCormick for work done on my own home by ANOTHER CERTIFIED ENGINEERING GEOLOGIST/GEOTECHNICAL ENGINEER (i.e. my signature is not on the report, somebody else's is). The ultimate resolution of all of these complaints was that they were all found to be completely without merit. The Director of BPELSG was personally involved in resolving these four complaints and can verify the statements made here. Continuing education is of highly questionable value in any event but will do nothing to bring a uniform standard of practice to Geology throughout California that was supposed to result from passage of the Geologist Registration Act of 1968. I would sincerely appreciate an opportunity to discuss this further with BPELSG decision makers. Thank you for considering my point of view. Ray Waldbaum PG 3142 CEG 923	1/10/2024 4:59 PM
1035	I am surprised California is behind on this. Continuing education is required in other states and essential to keep engineers current as the profession evolves.	1/10/2024 4:55 PM
1036	Yes, please consider it. This will provide an incentive for license holders to stay current.	1/10/2024 4:55 PM
1037	I currently have a license in Florida that requires continuing education credits. Unfortunately, at times it feels like the credit providers are the ones benefiting financially from this requirement. Some of the courses are useless and only completed to meet the requirement without any educational benefit. A better system is required to improve education to keep professionals current in their field.	1/10/2024 4:54 PM

1038	In my experience PDH courses or seminars offered do not always contribute to one's competencies. Additionally, tracking this system may be expensive for the board to perform meaningfully. It may also be an undue burden on lower income professionals.	1/10/2024 4:44 PM
1039	NC requires 15 pdhs per year, so having CA add pdhs should not be an issue. I think requiring engineers to attend classes, seminars, etc. to maintain their license helps them stay abreast of current topics, codes, etc. One thing to consider - would the continuing education be only specific to engineering (i.e., attending a pump design class) or could leadership (i.e., management, business, etc.) be considered as applicable for continuing ed credits? Another item to consider is ethics - NC recently updated their rules to require all PEs to have a minimum of 1 hour of ethics as part of their continuing education credits for renewal. I fully support that.	1/10/2024 4:36 PM
1040	I think that the Board should implement a mandatory continuing education requirement for maintaining of an engineering professional license. Maintaining knowledge of new and better ways to perform engineering work is essential to staying competitive and ensuring the safety of people. Similar to other states, a minimum number of hours devoted to ethics should be included.	1/10/2024 4:33 PM
1041	I am also registered in Nevada and they require 30 hours of PDHs every 2 years. Having done PDHs for many years, my issues with the PDH requirement are several starting with the lack of enforcement (Nevada is on the Honor system), then the cost of administering and no real control of the type of course or seminar that qualifies. To me, it is a waste of time and does not really help engineering quality. Other states are different in that they don't do rigorous plan checks like most CA jurisdictions do . So the PDH helps them feel better about engineering quality and competency but I don't see the value for CA.	1/10/2024 4:29 PM
1042	Unconvinced PDHs add value to the profession. As an engineering professional I am continuously learning, improving and developing relevant skills and knowledge through my industry and and company. As one of the few unregulated professions, engineers uphold themselves and each other to a high standard. Having to double dip, and take credit for what we're already doing seems pointless and may deter participation.	1/10/2024 4:27 PM
1043	PDUs are a necessary part of professional development. It is not uniformly supported by private firms or government agencies. A minimum standard should be applied to all licensees. This should have been implemented years ago.	1/10/2024 4:26 PM
1044	The survey does not give the option of selecting "SE" for the license. I don't think continuing education should be a requirement for PE's, just for SE's. The fact that CA doesn't require continuing education for an SE, but other states require it for a PE makes no sense. And with the level of seismicity, DSA, OSHPD, etc, how can we NOT require continuing education for SE's? HOWEVER, if continuing education becomes a requirement, it HAS to actually be useful! So much of the content provided now is NOT beneficial to practicing engineers. If you make a requirement for continuing education, and then it's just the high level overview sessions, or presentations not going deep enough to actually help practicing engineers, what is the point? PLEASE don't make it a requirement but then not provide actual helpful content for practicing engineers.	1/10/2024 4:25 PM
1045	I am licensed in several other states besides CA, some of which require CEUs as part of biennial license renewal. The number of CEUs per year varies, as do the reporting requirements. I would prefer to see a standard national platform for CEUs as part of PE licensure renewal (akin to how the NCEES Records program streamlines PE license application in multiple states) rather than California setting up their own CEU standards and reporting protocols.	1/10/2024 4:19 PM
1046	I support the concept of PDH's. Family and friends are surprised when I share that PDH's are not required, while other professionals (such as those in the mental health field) do require continuing education. However, from experience with multiple firms, I don't believe firms would want to pay for the time and course fees for all employees, and having to pay themselves employees may choose the least expensive/least time consuming options to just "get it out of the way" and I think that defeats the purpose of the goal of continuing education.	1/10/2024 4:18 PM
1047	I believe CE units are very valuable. However, they are way too easy to obtain on line, which defeats the purpose of maintaining skills. If the "watch a video" type CE's are included, the system is nearly useless. Anyone who wants to skirt the system just watches a video without improving skills.	1/10/2024 4:16 PM



1048	I am retired from active practice as a civil engineer. However, I maintain my licensee status as active for tax and association purposes. Therefore, if PDHs become mandatory, I recommend the Board not treat all licensees with same broad brush approach as if everyone is still actively practicing. None technical course(s) could be developed in order to inform a retiree of current standards and issues in stead of requiring demonstration of their technical proficiency (presuming that is the justification for PDHs). Is California's professional community experiencing proficiency issues (in the form of complaints) similar to other states?	1/10/2024 4:10 PM
1049	Active Licensees are already required to hold up to all requirements to hold said License. Additional requirements do not make sense to implement.	1/10/2024 4:04 PM
1050	The board should be the one to conduct a course if they wanted PDHs, if outside vendors are used there will be a lot of variability introduced. Additionally, unnecessary burden would be added to the Board to review courses and audit those same courses to ensure that the topics were good and worth it. I also don't know how effective the PDHs are going to be, and how fast companies and various agencies would be at reimbursing individuals for the money they had to spend (and the time spent) on PDHs.	1/10/2024 4:04 PM
1051	Probably long over do. It should have been required years ago. Just my opinion.	1/10/2024 3:59 PM
1052	California is know for having high seismicity and being at the forefront of seismic design, yet we do not require our engineers to maintain their knowledge within our continually evolving field? This makes no sense. Cont Ed is one small step to elevating and maintaining California's ability to be leaders in engineering and seismic design. It seems odd that states with less critical natural hazards require continuing education and CA does not. We are setting a bad example for what we expect from our designers of our built environment. Given our exams are national and do not test for CA specific design requirements/knowledge, I strongly advocate for at least 50% of mandatory CEUs to be in certain areas relevant for design in CA (seismicity, CBC, or other CA specific design considerations, etc.).	1/10/2024 3:57 PM
1053	Why has it taken so long? hurry up and require PDH and develop a portion of content to address changes in State law that effect our specific disciplines.	1/10/2024 3:54 PM
1054	Practicing engineers should have ample opportunity to continue their education through presentations at work and professional conferences. However, keeping track of this education can be tedious and would not contribute to the amount of continuing education I participate in. I do no think that the Board should support mandatory PDHs.	1/10/2024 3:52 PM
1055	In the civil engineering industry, I believe that this is not a good idea and a waste of time and money. I am licensed also as a real estate salesperson in California. I know first hand what a waste of time that continuing education has been in that business and it is a business that is always changing unlike civil engineering. Laws and rules and codes change and it is up to the professional to abide by those. To have mandatory continuing education requirements for an industry like civil engineering does not make sense. The foundation for civil engineering is based on the laws of physics etc. that do not change. Unlike like medicine and law that are ever changing, the civil engineering principles do not change.	1/10/2024 3:39 PM
1056	Continuing education demonstrates a willingness to continue to learn and grow in the profession. Ours is not a stagnant profession. Out of the 4 states where I am registered (CA, WA, AZ, SC), only SC requires continuing education. I think it's important to elevate the culture of our profession by requiring continuing education. In the past, I have heard concern from semi-retired professionals that obtaining PDHs would be an undue burden financially. There are many low- or no-cost ways to obtain credits free webinars and active participation in regional societies.	1/10/2024 3:31 PM
1057	It's a great idea that will help keep our profession healthy and strong.	1/10/2024 3:29 PM
1058	My area of practice (Structural Engineering) is ever changing and evolving. We as an industry are constantly learning and our codes are changing to reflect this. Mandatory continuing education impresses on our licensees that continued learning and development of one's skills is imperative to safe practice. A key to successful or worthwhile continuing education is to require course content that is timely and relevant to the area of one's specific practice. I know there are other licensees in this state that value their profession enough to hold themselves to a continuing education standard, and am perplexed that professional engineers who have an obligation to the life safety of our community do not rise to that same level of professionalism.	1/10/2024 3:29 PM
1059	CE efforts are also being implemented by many companies where the use of PE's are required for their business. Let's not overdue the CE requirements for PE's. Much of the content of the	1/10/2024 3:22 PM



CE courses are already being provided by our companies. Ethics is an area where CEs are definitely needed.

1060	Someone actively practicing engineering must be continually learning in order to stay competitive, so PDHs may be overkill.	1/10/2024 3:21 PM
1061	No it's already tough enough to get and Costs so much time and effort and hard work to achieve.	1/10/2024 3:20 PM
1062	Due to the strict requirements, which simply increase the cost of building, the state is already driving away enterprises whose owners flee. The state's future company owners and homeowners will eventually bear the burden of this program. Maintaining the current system of checks and balances on individuals who practice in areas beyond their scope of expertise is preferable than adding more layers of bureaucracy.	1/10/2024 3:20 PM
1063	In most jobs, there are opportunities to implement continuing education without the need for the Board to make it mandatory.	1/10/2024 3:12 PM
1064	I strongly oppose implementation of mandatory continuing education. Professional engineers maintain currency in engineering-relevant subjects as needed on our own by virtue of our professionalism. CEU/PDH requirements are burdensome and serve mainly to create/support revenue generation by companies who offer these courses/classes. CEU/PDH requirements do not increase public safety. We (California) need less red tape and regulation, not more. We need to drive down the cost of doing business in our state, not to increase it. I urge to Board to not implement mandatory continuing education.	1/10/2024 3:12 PM
1065	I am retired. If forced to pay for courses, I will not renew my license.	1/10/2024 3:09 PM
1066	This is just an additional expense in draw on the professional time. It will also add additional hours that you guys will have to use to monitor this process, which will be passed on to us the licensed professionals.	1/10/2024 3:09 PM
1067	Implementing continuing education requirements for engineering licenses in California will only exacerbate the challenges of running a business in the state. The existing burdensome regulations already demand a substantial amount of overhead, and the proposed additional requirements would further strain resources. Rather than fostering professional growth, this move seems counterproductive to the interests of businesses in California, placing an unnecessary burden on already stretched resources.	1/10/2024 3:06 PM
1068	It should be mandatory. Too many people here in California are on the relax train with their license and couldn't engineer a cardboard box.	1/10/2024 3:05 PM
1069	I believe that each person shall be responsible for their actions.	1/10/2024 3:05 PM
1070	I support ethics training, but often training for training sake comes at the cost, directly, to the professional. not always covered as part of a compensation plan. and can be unruly depending on the requiriements. I speak form expereince from other states requiring live and not live training.	1/10/2024 3:01 PM
1071	They should consider implementing PDHs under the conditions that the employer covers the costs, and the required hours can be completed in a single workday.	1/10/2024 3:00 PM
1072	Please differentiate between continuing education related to engineering principles vs. PDH related to changes in laws and licensee obligations.	1/10/2024 2:55 PM
1073	As a PE working for the California Department of Transportation, I am constantly learning new standards for what is the latest and greatest when it comes to safety and updated practices. The consultants working on state projects are required to use the same updated standards, so they learn them too. If our work in highway design is already constantly evolving based on new standards, why do we need to take separate formal trainings that essentially address similar information? Additionally, the state (and seemingly the industry) is already understaffed and struggling to replenish staff that are retiring. This is causing the current staff to be overworked and overwhelmed. The state already requires many mandatory trainings that are challenging to complete with our current workload. Having more mandatory training would exacerbate the issue. I can see how continuing education is important, but I do feel we already get this by continuously updating our standards and practices.	1/10/2024 2:52 PM
1074	No need for it at all after getting the PE license and gaining experience through practice.	1/10/2024 2:51 PM

1075	I do not support mandatory PDH because it becomes a profit making industry and disallows or diminishes the value of self study with out paying fees to an outside entity.	1/10/2024 2:46 PM
1076	It's a complete waste of time and effort. Surveyors should be disciplined for poor practice, and it should be the individual's responsibility to self-educate. All of the PDH's I have had to do for other States are remedial at best. It is merely checking a box. Bad idea!	1/10/2024 2:44 PM
1077	I don't think PDHs should be required. The status quo is working fine without them.	1/10/2024 2:38 PM
1078	I think it is important to keep CA licensed engineers up to date with current engineering practices and research but I do not think it should be mandatory. To maintain quality CA licensed engineers, I think continuing education should be offered to the CA BPELSG licensed engineers for a fee and completed at the discretion of the licensee based on his/her own judgement of their engineering experience/personal research biennially. I would need to know more about the options to earn the credit to fully answer this question but, if made mandatory, I strongly recommend a single course be offered asynchronously that can be completed any time in the biennial period by the licensee to complete the requisite CEH.	1/10/2024 2:23 PM
1079	If this were implemented, I would expect that it align with common requirements in other states so as not to put undue burden on practicing engineers.	1/10/2024 2:19 PM
1080	Not at this time.	1/10/2024 2:17 PM
1081	I always thought continuing education was good for all professions. I think it would encourage professionals to go to meetings, sign up for lectures and short courses, etc. Good to keep learning. by the way I am a CEG as well, which you didn't have on the survey.	1/10/2024 2:17 PM
1082	As the oath taken, Professional Engineers are not to take on more than they are trained for. If they are actively working in the profession, they are up to date and trained. Implementing training mandates is more bureaucracy that this agency does not need	1/10/2024 2:11 PM
1083	the requirement should not be such that is it challenging and hinders our ability to maintain our license. Should be a set of requirements that should not change based on whims and the political climate at the time.	1/10/2024 2:11 PM
1084	I have several licenses in other jurisdictions that require continuing education. While there are merits to implementing continuing education, I believe the costs and time involved are substantial, and their is very little benefit to the public or the practicing engineer.	1/10/2024 2:06 PM
1085	Training hours should include self-reported attendance at conference workshops and not just paid courses or webinars. Conference workshops which do not provide certificates can (and often are) of more value than webinars with educational credit certificates.	1/10/2024 2:05 PM
1086	PDH's should be optional to allow engineers the freedom to grow and learn in the ways most efficient and effective to their current job requirements without restriction or oversight. This allows learning to occur out of enjoyment and interest in a topic, not obligation and punishment. Due to current economic conditions, many people have second or third jobs to make ends meet. PDH's will be unpaid time taken away from these other jobs, increasing financial stress. If implemented, PDH's should be optional and provide an additional incentive, such as reduced annual fees or extending re-registration to 3 years instead of 2, but there should be no penalty if the PDH's are not done.	1/10/2024 2:05 PM
1087	Make requirements easy to implement	1/10/2024 2:04 PM
1088	I have to complete hours for my Nevada Registration. It is time consuming and costly. The PDH hours are not free. PDH hours do not necessarily prove competency to practice. Some of the courses are interesting, but will never be used in real practice by a majority of PE's. If you must implement them, since they are really just "exercise" do not make them burdensome. Some PDH courses could be "passed" without taking the PDH course if the course is in the field that the PE practices in. Ethics courses do no really change a person's ethics. I people are going to cheat, then they will cheat, even after passing the course. PDH hours will have to be monitored and that is another cost, in addition to the cost of the courses, that will have to be borne by the PE. Unfortunately in a litigious state such as California, the attorneys, courts and the threat of litigation will tend to "weed out" the people who should not be practicing. Having dealt with PDH hours I am not convinced that they really serve a purpose and the extra costs to administer such a program is not justified as to the results. I do not think the California should adopt a requirement for PDH hours.	1/10/2024 2:04 PM
1089	The only problem for a small business is that taking courses result in lost project time. Some	1/10/2024 2:01 PM

of the courses take several hours to complete and many are not relevant.

1090	I think its a way to keep licensees engaged with new developments in the field, and also a way to be constantly refining ones knowledge as it relates to the profession. I have seen big shifts in the way I interpret certain things in my own profession, largely due to continued learning in my field over the years.	1/10/2024 2:00 PM
1091	I think it would be good to require continuing education but it can't be extremely onerous on the licensee as we are often very busy with work commitments. 2-4 hours per year seems reasonable. perhaps fees associated with the renewal could be scaled based on how many PDH you performed? If minimum hours then \$X dollars for fee and if more then slightly less?	1/10/2024 1:58 PM
1092	I have not seen any proof that PDHs actually improve safety to the public.	1/10/2024 1:54 PM
1093	While PDHs demonstrate continued involvement in the industry, PDHs have generally not been the barometer for how my technical skills and professional development has advanced during my career.	1/10/2024 1:54 PM
1094	I'm licensed in two other states and was shocked to hear there is no PDH requirement here.	1/10/2024 1:53 PM
1095	I do not support required PDH's. Meaningful education development should be up to the individual as far as what interests them in their career. PDH's courses seem often a waste of time and money except for those in the PDH business. If the Board adopts PDH's, than they need to create an "inactive" license category (such as done for other State Licenses) for those who want to at least keep their license without taking PDH's.	1/10/2024 1:53 PM
1096	I have had Continuing Ed requirements in other states for years. Recommend: 1- other states Cont Ed hours apply to CA. 2- Ethics should be required. It is the most important. LS are constantly pressured to compromise. 3- Home study hours should apply. 4- Requiring courses from a paid approved vendor is often of little value and costly. 5- Apply attendance at Professional Associations (this may be strongest reason for Cont Ed), and count the attendance as much as 100% of the required hours. Very few professionals attend their professional associations. I believe this single requirement could do more for the professions than any single thing. I have had LS licenses in three other states that require Cont Ed since 1982. Please let me know if you have any questions.	1/10/2024 1:53 PM
1097	Those who are actively practicing their profession every day are constantly continuing their education. The PLS Act is in place. The Subdivision Map Act is in place. The Board Rules are very direct and simple to reference. There really is no need to incur more costs and take time for some class given by someone who is less qualified, and who is simply reading out of the book. This is coming from a surveyor who has practically memorized the wording and the code sections of the above cited laws.	1/10/2024 1:50 PM
1098	Only if relevant topics are covered, like review of the Subdivision Map Act for those who do subdivisions, business ideas to keep low-ballers informed, new methods and procedures without belaboring the sales pitches. Some software tips and tricks woud help.	1/10/2024 1:49 PM
1099	As a civil engineer I already dedicate a lot of time staying up to date by myself	1/10/2024 1:47 PM
1100	I think requiring PDHs are a good thing.	1/10/2024 1:39 PM
1101	Are we experiencing problems for the public or the profession that might be cured with continuing education? This looks too much like a solution in search of a problem.	1/10/2024 1:38 PM
1102	Mandatory continuing education adds an additional burden to the already rigorous testing requirements to that of obtaining a PE certification. If PDH's are required, and those licensed by BPELSG are required to pay for PDH, then an additional financial burden is also placed on the attendee. Furthermore, PDHs would likely be unrelated to that of the licensee's industry. BPELSG shoud direct more efforts into making requirements more specific to that of the licensee's industry - not adding additional, burdensome requirements that do not contribute to the professional development of the licensee.	1/10/2024 1:36 PM
1103	I am licensed in multiple states and many states do require PDH's. I'm not opposed to doing them, but they are quite costly for some and some of the lesser costing aren't as good of content. Like many things the education received is only as good as the presenter and the attention paid to the attendee.	1/10/2024 1:35 PM
1104	While I do not currently possess a license, to date, I have passed two 8 hr PE exams and am currently working on applications / supplemental testing. So many of my co workers study for	1/10/2024 1:35 PM

YEARS and have to take the exam multiple times to pass. This alone already places a large financial burden for the certification. I am also a part of the younger generation, where PEs are really not seen as a need to succeed in engineering anymore. Adding PDHs and extra fees will only make PEs have less of an appeal than they already do. If your organization feels the need for continued education, I would make optional refreshers that focus on relevant industry standards like engineering ethics or developing technology.

1105	California has more stringent requirements for licensure (seismic & surveying exams). These exams require additional coursework or studying on personal time. Therefore, additional continuing education should not be required.	1/10/2024 1:32 PM
1106	plenty of professionals are practicing their licenses through their work experience. This is a license, not a certification that is needed for professional development.	1/10/2024 1:29 PM
1107	The board continually makes it more and more difficult to earn a PG, PE, or PLS in California and there has been no measurable benefit to the public. It seems that senior members of the board wish to "pull up the ladder behind them", so to speak, and make professional success more and more difficult for aspiring engineers, land surveyors, and geologists. As a supervisory geologist, I can attest there is already a dearth of geologists in the state and the implementation of additional requirements will only exacerbate this problem. I strongly recommend AGAINST implementing mandatory continuing education.	1/10/2024 1:29 PM
1108	It will help our professional development.	1/10/2024 1:28 PM
1109	It's probably a good idea to require CE.	1/10/2024 1:26 PM
1110	Sounds like more cost, burdensome administration, confusing requirements. In addition, most of the PDHs will likely be on the topics un-related to the PE's industry. Free courses should instead be provided directly by BPELS to a renewing PE for their reference (voluntary or mandatory). The courses could be on ethics, technical fundamentals, and even the cutting edge of developments within their field.	1/10/2024 1:26 PM
1111	There are far too many PEs who aren't keeping up with current advances in engineering issues and continuing education requirements could improve current PEs' skill levels.	1/10/2024 1:24 PM
1112	I'm in favor of continuing education, but there should be no additional fees required of the licensees by the board.	1/10/2024 1:24 PM
1113	It should be optional and at the licensee's initiative. Government is forcing too much in requirements that often have no impact or relevance.	1/10/2024 1:18 PM
1114	I believe it is not needed. Companies are making big profits from this. Engineers scramble to just get their hours in, usually the PDHs are not providing benefit the PE.	1/10/2024 1:18 PM
1115	The major benefits of actually participating in regular continuing education are keeping abreast of new developments (e.g. mass timber) and/or refreshing areas where you don't routinely practice (e.g. SE routinely working in steel-framed construction taking concrete SMF CEUs). However, CEUs do not directly ensure greater safety for the public, since no CEU program can ensure that engineers are only practicing in areas of their competency. Rather, the greatest benefit of routine continuing education is reinforcing a culture of lifelong learning for engineers (or their employers) who might not immediately see spending time in a classroom or on a webinar as a cost-effective use of their time. A mandatory CEU program should permit credit from both in-person and online continuing education, as well as crediting other educational contexts, such as teaching a continuing education class. When I taught engineering courses at my local UC, even though I already knew the material well myself, preparing to teach it to others refreshed areas that I "knew" but might not routinely use (e.g. load transfer in complex connections). In addition, CEUs should be available not only for technical topics (e.g. structural steel or concrete design), but also for other professional-related topics (engineering ethics, project management, construction law, accident/forensic investigation, etc) which can improve the overall quality of professional services provided.	1/10/2024 1:18 PM
1116	Do it!	1/10/2024 1:17 PM
1117	The PDH courses offer little to no benefit to continuing education. They are just a hoop to jump through that does not benefit our daily engineering work or public safety.	1/10/2024 1:16 PM
1118	Continuing Education promotes refreshing old knowledge and acquiring new knowledge. Better for the profession and professionals individually.	1/10/2024 1:16 PM

1119	Continuing education is a large part of our professional responsibility and has always been a part of my career over that past 30+ years. Even though I indicated I support PDHs, in my case, a PDH requirement would have just been an added bureaucratic paperwork exercise rather than a practical improvement to my professional development.	1/10/2024 1:16 PM
1120	Many PE holders have additional certifications that require PDH that in turn make them better PEs. Requiring separate PDH for a PE would be redundant in this case.	1/10/2024 1:14 PM
1121	Base criteria and testing to obtain a CA PE license often meets or exceeds every other state in terms of rigor. Additional PDH should be weighed against external testing criteria as well	1/10/2024 1:14 PM
1122	I also hold licenses in MN and CO. MN has a PDH requirement - thus, it does not hugely affect whether CA institutes that requirement. I think it is a generally good idea, although, if implemented, the board needs to ensure the requirements are inclusive of individuals who take short-term career breaks (for disability, parental leave, etc.).	1/10/2024 1:13 PM
1123	I do not believe the Board should require the PDHs, but I do think voluntary classes or information links sent to inform registered professionals of any notable changes to codes or methods previously covered in the applicable test should be made available.	1/10/2024 1:10 PM
1124	It is important that all licensees be up to date on new standards and methods.	1/10/2024 1:09 PM
1125	I currently do pdh for my Nevada and Texas license. I see no major issue if you make them attainable and costly. Allow many avenues to satisfy requirements.	1/10/2024 1:08 PM
1126	It has long been held that professional responsibility to be competent and practice accordingly rests with the individual licensee. Required continued education is more likely to reduce individual competency rather than increase it. Competent and responsible engineers will pursue avenues to ensure they continue to be current and competent, including self learning, networking, meetings and discussions with other professionals, methods that may not be reflected in expensive and time consuming "certificates" that are churned out by firms that are in business to produce such certificates in volume. The Continuing Education system is likely to drive many professionals to take the path of least resistance and obtain CE certificated hours that do little to improve their practice or competency, only to meet a mandated requirement.	1/10/2024 1:03 PM
1127	I was required to complete PDH's with each PE renewal in the states of GA, TN, and FL. I found little value in the classes, and instead, just another expense.	1/10/2024 1:02 PM
1128	Given the nature of being a licensed professional engineer, it is already within the daily job duties to maintain industry knowledge and continue education. Additional bureaucratic processes should NOT be needed.	1/10/2024 1:02 PM
1129	Professional development hours create a cottage industry that do nothing to advance the Engineering Profession and only serve to add an administrative burden. DO NOT IMPLEMENT.	1/10/2024 12:59 PM
1130	I think PDH's should be required to conform with the industry norm across the country.	1/10/2024 12:56 PM
1131	I believe this requirement is a slippery slope. Professionals spend more than enough time developing their skills and progressing with the industry under the scope of their practice. PDHs should be reserved for more specific certifications within each respective industry.	1/10/2024 12:55 PM
1132	As the engineering profession continues to evolve, there are many advancements that impact daily activities. The Board should provide at least 2 hours for free each year on seismic updates	1/10/2024 12:52 PM
1133	I believe PDHs are not necessary in California for Civil PEs due to the additional stringent examination process required in the state (seismic and surveying).	1/10/2024 12:52 PM
1134	Requiring PDHs will continue to lift the minimum competence requirements (licensure) of the professions. The rate at which laws, codes, design/survey philosophies and technologies change is always increasing, leaving those who do not currently do volunteer PDHs behind. This will cause a an adverse effect on the public.	1/10/2024 12:50 PM
1135	support if the requirement is small but do not support if the requirement is time-consuming	1/10/2024 12:48 PM
1136	I think continuing education should be a mandatory requirement for all licensees. Safety of the public should never be compromised, and this requirement will help ensure the safety of the public.	1/10/2024 12:45 PM



1137	Mandatory continuing education is a regulatory requirement that provides little value to the public and is burdensome to both the licensees and the board operations. Competent licensees will maintain the skills necessary to practice in their field and others will merely check the box of PDH's.	1/10/2024 12:44 PM
1138	Not needed	1/10/2024 12:44 PM
1139	I question the effectiveness of the requirement of PDHs to maintain licensure in furthering the State Boards' interest in safety of the public any more than current practice already does. In addition the cost of administrating such a program and the cost in time to demonstrate compliance with such a program on the part of a practicing professional are reasons I oppose the requirement of PDHs.	1/10/2024 12:39 PM
1140	The board should not implement mandatory continuing education	1/10/2024 12:38 PM
1141	Continuing Education is essential to maintain current competencies to practice engineering to protect the public safety. Industry changes every day and safety standards evolve. Engineers need to keep up with these trends and changes to provide safe designs.	1/10/2024 12:37 PM
1142	In general. It should be an expectation that all practicing professionals are keeping up to date on relevant skills and knowledge. However, from my experience, it's not clear to me that requiring PDH's accomplishes that goal. I have observed professionals undertake uncredited self learning and education, only to then scramble in a crunch near the PDH due date to find an accepted source of formal PDH's.	1/10/2024 12:32 PM
1143	The value would depend so much on the quality of teachings, which is difficult to control. Also, the true professionals are constantly learning, while those who wish to skate-by will manipulate the PDH process. Hence, not of value in protecting public	1/10/2024 12:31 PM
1144	Mandatory continuing education that is not covered by the state is an extra financial burden on engineers. If any classes were mandatory then I would expect them to be given by the state and content applicable to all those renewing licenses.	1/10/2024 12:30 PM
1145	I feel rigorous classroom teaching that leads to PDHs is an excessively narrow way to learn. While a rigorous curricula laid the foundation for my engineering knowledge, experience, networking with other professionals, self-study have always been the best way to develop since then. This can include studying materials that would have been part of a program that gives out PDHs, but because it was self-study (perhaps including reinforcement from peers and superiors), it would not be officially counted. I strongly disagree with making this process narrow and rigorous when continuing education in the field is best left broad and flexible.	1/10/2024 12:29 PM
1146	It is worth consideration. I would recommend that the Board consider how to vet and approve qualifying courses/seminars as not all trainings are created equal.	1/10/2024 12:29 PM
1147	The PDH requirement should not be applicable to licensees in good standing for 10 years or greater.	1/10/2024 12:29 PM
1148	PDH's are not an exact science to demonstrate competency especially in structural engineering. Demonstrated responsible work experience including experience in field issues should be required.	1/10/2024 12:28 PM
1149	Actively employed registrants may have more flexibility in ways to accumulate qualifying hours. Depending on the requirements, some accommodation should be made for retired registrants who want to maintain their active licenses.	1/10/2024 12:28 PM
1150	I have pdh requirements to meet in other states so I am not opposed as long as the reporting method is not onerous and burdensome. I think pdh's do not need to cost more to be administered if the review of the pdh record occurs mainly when someone is turned into the board and can be part of the standard review that is done.	1/10/2024 12:26 PM
1151	Mandatory continuing education is not an effective way to advance the engineering profession. There are better ways for engineers to keep up to date on the engineering profession.	1/10/2024 12:21 PM
1152	As a PE am always learning and increasing skills. Have observed the program for registered nursing and much of what can be taken is a joke and just seems like an opportunity for companies to make money	1/10/2024 12:20 PM
1153	As a licensee in multiple states, it would be great if CA requirements were consistent with other states in quantity required and reporting requirement. Recommend NOT implementing a	1/10/2024 12:20 PM



bespoke tracking system that is required for record keeping. Rather, put the burden of record keeping on the licensee and require records to be submitted to the board only if audited.

1154	The Board should not implement mandatory continuing education as it is a requirement of my job to keep updated with the latest in my profession and codes through conferences or classes. My workplace has seminars and meetings to provide very latest on my professions as we are required to implement the latest codes by the federal or state deadlines. As a professional engineer it should be the responsibility of the engineer to keep updated with the latest codes and developments of their profession. In addition, this mandatory continuing education would be an added cost to the Board where their budget may not be able to cover with other expenses needed for licensing. The budget should be focused toward the licensing effort instead.	1/10/2024 12:19 PM
1155	I am a PLS in Nevada, requiring 30 PDH's per 2-year renewal period. I find this a reasonable amount of hours to stay recurrent and up to speed on professionalism.	1/10/2024 12:18 PM
1156	The most efficient, economical, and environmentally friendly way to stay current in engineering is through trade, academic, government, and vendor publications (digital, print, and video). Every engineer already spends hundreds of hours annually staying current through the practice of their profession. Any requirement to complete and document a few more hours of more formal continuing education would impose an unnecessary burden of time and money on the engineers and the Board. Furthermore, if in-person education is mandated, associated travel would greatly increase the carbon footprint of the profession.	1/10/2024 12:18 PM
1157	Sadly, PDH in other states in which I'm registered are a joke. The private course offerings are abysmal: read, take an online test. If you fail take it as many times as needed to pass. All multiple choice, typically, 10 questions. They even tell you which answers are wrong. You could pay you fee, not read and pinball your way to a certificate. Some states give PDH hours to attend a society lunch meeting. Again, a joke. We're professionals, we're ethical, we're college graduates. Leave it to us to read the journals, etc. without chasing a bogus certificate.	1/10/2024 12:16 PM
1158	While I support the implementation of required PDHs, it will have a time and financial impact and I would expect some uptick in surrendered and retired licenses. This isn't necessarily a bad thing and it's not likely to affect me as I am retired and contemplating retiring my license when it expires.	1/10/2024 12:15 PM
1159	Practicing as a Land Surveyor on a day-to-day basis, is in my opinion, continuing education. Maybe going forward with new licensing, a requirement for continuing education. I believe a grandfather clause for us old guys	1/10/2024 12:15 PM
1160	Continuing education does not really count as learning anything. A person could just stare at a screen during a webinar, answer a couple of multiple choice answers, and get credit.	1/10/2024 12:14 PM
1161	The Board should not implement mandatory continuing education requirements.	1/10/2024 12:14 PM
1162	I support mandatory continuing education. As a reviewing geologist for a city that the licensed professionals don't even know the minimum requirements in the building code, lack professional ethics, and provide poor quality reports to the citizens.	1/10/2024 12:12 PM
1163	I support implementing mandatory continuing education with some exceptions. Would exempt those that have been licensed in good standing for greater than 20 years and reduce hours for those that have been licensed in good standing for greater than 10 or 15 years.	1/10/2024 12:10 PM
1164	I support the idea and reasonableness of continuing education if its related to compliance with the Board's practice laws. I do not support requirements for practice-related hours being mandated in the law. Professionals should have the discretion to evaluate that themselves based on the areas of their specific expertise.	1/10/2024 12:07 PM
1165	Although I understand the intent, I am not sure it works out as considered. It is often hard to find courses that meet the requirements and that are also in an engineer's area of practice. I think making the requirements as loose a practical is the best approach.	1/10/2024 12:06 PM
1166	I do not support PDH at this time as I would like to know more information, such as will a Master's degree count, are there alternatives to classes?	1/10/2024 12:05 PM
1167	Please allow PDHs to be earned through Virtual events (webinars) as a way to accommodate those who are unable to travel or do not feel comfortable in a room of unmasked people due to the ongoing COVID pandemic that continues to sicken and disable people. Typical PDH requirements in other states are 8 hours, so I would be in support of this requirement.	1/10/2024 12:02 PM

Additionally, approved topics should be broad to ensure that geologists in California are able to obtain PDHs on a topic that is relevant to their practice. Suggest DEI topics be part of the approved list.

1168	It seems unnecessary and unfair.	1/10/2024 12:00 PM
1169	I have seen this requirement in other 'professions' and it is just a 'cash cow' for the providers of the requirement, rather than keeping up with the profession, which a working professional does anyway. It maybe good for the University or other providers, but in the 21st century, this can BEST be accomplished by On Line classes/updates, just like DMV does for driver's license renewals. Make us 'take a test' for renewals is just as effective as the PDH seminar model.	1/10/2024 12:00 PM
1170	I have concerns that the continuing education would lead to requirements for additional certifications to maintain PE license.	1/10/2024 11:59 AM
1171	You need to provide enough subjects related to every specialty that meet the goals of the board. Online courses would be best with a test at the end that could be pass (70% or better) or fail.	1/10/2024 11:59 AM
1172	February 7, 1973, was the date on my first professional engineering license. Since that date, I have practiced engineering well also working to upgrade others engineering skills. I have also been observing for 50 years now the differences between the competent and the incompetent. Be they engineers or medical doctors, the incompetent do not become competent through continuing education. The professional with pride in his service constantly strives to learn and improve his competency in both engineering and management, because his efforts affect many areas of our public space. Ken Buske – 707. 280. 6400.	1/10/2024 11:57 AM
1173	No recognized, independent study has shown that legal CLEs are effective at maintaining competence. Mandatory CEEs, likewise, would not be effective. Professional malpractice laws are adequate and effective for the purpose. RS - PE, JD.	1/10/2024 11:56 AM
1174	PDHs would increase costs to employees for coursework and administrative costs or training costs to employers.	1/10/2024 11:55 AM
1175	I do not believe mandatory PDHs are very beneficial because the majority of engineers 'check the box' by taking online unfruitful courses to meet the requirement. I'd rather give money to the board than give it to a PDH provider that doesn't offer value. Those who value education will seek it out and find more effective means of continuing growth, and those that do not are still already obligated to me competent in their practice.	1/10/2024 11:55 AM
1176	Engineering is always developing and so staying current is necessary to that the designs reflects what the current knowledge base is and not what it was 20-40 years ago.	1/10/2024 11:54 AM
1177	All Engineers should be required to keep up to date with new skills.	1/10/2024 11:52 AM
1178	contiuing eduction should be encouraged but not mandatory	1/10/2024 11:49 AM
1179	Technology, regulations, demographics are changing rapidly, we need to ensure that professionals stay current	1/10/2024 11:48 AM
1180	Continuing education will be helpful for the PEs to update with current practices, but the required number of hours should be kept between 5-8hours/year so that it does not interfere with work or personal life.	1/10/2024 11:48 AM
1181	Oppose. Most professionals voluntarily continue their education by attending conferences and seminars. A mandatory requirement for continuing education only adds an unnecessary administrative burden to a problem that likely doesn't exist. // Perhaps the board should begin collecting data as part of license renewals where licensee's voluntarily report their continuing education hours since their last renewal. This can easily be accomplished through an additional field on the on-line license renewal form. Once data has been collected for several years, an analysis can be done to see if there is a correlation between licensee complaints and the hours of reported continuing education. With license renewals now being online, there would not be an increased ongoing cost associated with collecting this data. The only expense in collecting this data would be the initial effort needed to revise the website to collect the data and save it to a database.	1/10/2024 11:48 AM
1182	It's a great idea in theory. From talking to colleagues in another state where PDH's are required, the challenge in finding programs that offer PDH's and then finding ones that are actually relevant. Before implement any PDH requirement, the Board MUST ensure there will	1/10/2024 11:47 AM

be reasonable and cost effective access to relevant programs that will issue PDH credits. The Board MUST ensure there will be access for all licensed professionals across the state especially those who live in rural or otherwise remote parts of the state who would likely need on-line or similar remote access to PDH credit options.

1183	CA Water Treatment Operators require too many PDH's for renewal; but they only require class time. In cooperation with a private Org et al they offer various "training" options. Because of the number of PDH's they require the quality of the "refreshing" is diluted and redundant. If a PDH program were more succinct like the CDL study/testing program it would be just as effective and not so time-demanding.	1/10/2024 11:46 AM
1184	I have or have had licenses in states with and without mandatory continuing education. Where the requirements exist, it gives an advantage to larger companies where an admin can manage requirements and track towards completion, so that engineers can focus on technical projects. At a smaller company, the engineer will have more administrative responsibility. It also seems to be that different continuing education programs have varying value, that the requirement ultimately isn't enough in ensuring engineers remain competent. Often, paid training is expensive, so alternate paths like lunch and learns and manufacturer trainings, which can be much more sales than engineering driven, become mandatory in a way that doesn't seem to match the intent.	1/10/2024 11:44 AM
1185	Professionals in active practice maintain and improve competency through continuous research, pro-active learning, seminars and coursework, and practicing new skills. Making PDH submittal a mandatory requirement does not necessarily ensure maintenance or improvement in one's professional competency, nor does it ensure a benefit to society and public safety. It does however, ensure creation of additional layers of state bureaucracy, administrative fees, and an additional burden for practicing professionals. Thanks.	1/10/2024 11:44 AM
1186	Technology change makes it virtually impossible for a licensee to remain current for a 10, 20, 30 year professional career.	1/10/2024 11:43 AM
1187	I have not seen any evidence that these requirements result in a benefit to the public or to the profession.	1/10/2024 11:42 AM
1188	I believe this is a good idea, although it seems like it may be difficult to create a "curriculum" due to the wide range of career paths a geologist can take.	1/10/2024 11:40 AM
1189	As working professionals we are already spending 45+ hours every week dedicated to the field of engineering and actual engineering projects. Adding additional hours for continuing education on top of what we are doing for our jobs would be unnecessarily cumbersome.	1/10/2024 11:39 AM
1190	Should be done to align with other states. The typical amount is 15 PDH per year.	1/10/2024 11:39 AM
1191	I believe the continuing education will benefit both the engineers and the public. The format could be online and remote. Many states are doing that. I'm also licensed engineer in other states and those states require continuing education for license renewal every 2 years. The board may consider some incentives and discounts for licensed professional engineers.	1/10/2024 11:39 AM
1192	As professional engineers we are always in pursuit of new facts, methods and techniques to improve our skills and a new mandatory PDH requirement is not needed.	1/10/2024 11:38 AM
1193	It is an important step forward to implement Mandatory Continuing Education. I fully support the Board for that step. Thank you.	1/10/2024 11:38 AM
1194	Continuing education requirement is unlikely to improve quality of work. Practicing licensed engineers work in wide variety of areas and any limited continuing education requirement will not have any meaningful impact..	1/10/2024 11:37 AM
1195	I support the Board implementing mandatory continuing educations related specifically to the laws & rules of the profession and not necessarily technical aspects of the practice.	1/10/2024 11:36 AM
1196	These licenses should maintain their rigour in obtaining them as well as keeping licensees up to date in areas they may not work much in - they might in the future.	1/10/2024 11:36 AM
1197	I think by requiring PDH's we will have a more professional group of surveyors.	1/10/2024 11:35 AM
1198	If PDHs become required, please allow trainings that are approved by PG boards in other states to count. This will make it easier to coordinate PDHs for those of us who live outside California and are licensed in multiple states.	1/10/2024 11:35 AM

1199	Maintaining your technical skills is important to providing the necessary services to clients. Requiring PDHs is a way to assist this skills retention. Several states already require PDHs. If one is licensed in multiple states, the PDH should apply to all the states that require them, so it may not be an imposition on the licensee. The PDHs should not require the development of new skills, just the retention of the existing skills.	1/10/2024 11:35 AM
1200	No	1/10/2024 11:33 AM
1201	The challenge is "what material should be covered?" Would the emphasis be on new regulatory changes (building codes, laws, govt regulations)? Or on fundamental changes in the practice of Engineering for example, automated plan checks and analyses. Or validation of finite element numerical analysis by computer vs traditional paper/pencil/slide rule/handbook? The changing legal landscape surrounding practice? What we'd want to avoid is "have to spend 8 hours checking the box" type training, which is tough to avoid. I would not, for instance, support things like "Cal-OSHA and OSHA Safety" as part of this - I (like many others) already do this for other reasons, so it would be duplicative.	1/10/2024 11:33 AM
1202	What is the goal and expectation for the PDH requirement to retain a license? A goal would also require a plan from the Board on what is needed (PDH) for each discipline to reach the goal. Requiring PDHs without a goal & plan will lead to meaningless training that is taken only to meet the hour requirement. Instead, what if the Board organized a Professional Development Conference? Attendance at the Conference would include a discounted License registration fee if the participant attended a specified number of workshops and a waived license fee if someone offered to present and run a workshop.	1/10/2024 11:33 AM
1203	Professional Engineers are very busy. To track PDH requires significant attention and time consuming as this process is not well established.	1/10/2024 11:32 AM
1204	Most everything we do as professionals is accomplished using constantly evolving technology and is regulated by some sort of constantly evolving code or law. If we are not constantly keeping abreast of these changes under our own volition we cease to be competitive or employable. We cannot sustain our business without constantly educating ourselves. But we should not be forced to incur costs under programs others think are relevant to us. Stop adding layers of bureaucracy to the already burdensome cost of doing business in California.	1/10/2024 11:32 AM
1205	We, registered Professionals, are busy people and to some of us, PDHs will interfere with our daily schedule. We are already committed by our registration to perform our duties technically correct, legally, diligently and honestly. Any deviation from those parameters is penalized by the board by sanctions, fines and the possibility of losing our license. PDHs does not guarantee competency, honesty or legality. I like to believe that all of us registrants have committed to perform our duties under the parameters quoted above when we took our exam. It is to our benefit to keep abreast with technology and new laws governing our profession.	1/10/2024 11:32 AM
1206	not necessary	1/10/2024 11:31 AM
1207	California is already an expensive state to maintain a PE in. Most states are about half the price of CA. I don't really support the idea of PDH since there is so much on the job learning that occurs every day while working.	1/10/2024 11:31 AM
1208	I spend many hours each year reading the latest manuals and guidance in water resources engineering. Classes and webinars with official PDHs often don't have the latest information. There are also limited courses on ethics and for engineers operating with high ethics, we don't need to work hard to find another ethics course every 1 or 2 years.	1/10/2024 11:31 AM
1209	All the other States I am registered in require either 24 or 30 hours with each 2-year renewal cycle.	1/10/2024 11:30 AM
1210	This seems too easily open to groups setting up worthless PDH mills while providing too burdensome a bureaucracy for genuinely valuable professional development opportunities, including many self-guided reading and online tools. I am also concerned because the broad spectrum of skills in engineering (even just within one discipline like mechanical engineering) does not lend itself to state-sanctioned professional development courses. Thank you for taking this input.	1/10/2024 11:30 AM
1211	Mandatory continuing education may be considered for younger professionals, with limited experience. CEs should not be considered for PG with >10 years experience.	1/10/2024 11:29 AM
1212	I think most engineers do this anyway and tracking it as part of licensing really just creates	1/10/2024 11:27 AM

more overhead time and cost. It is not clear that all employers will cover the cost and time.

1213	The board should consider requiring a course on the legal requirements related to licensure in CA. Laws, regulations, codes and other requirements are constantly being updated. PEs practicing in CA should be up to date on the state's requirements.	1/10/2024 11:27 AM
1214	Getting licensed in California is already an expensive process and limits recent-graduate talent with limited resources from breaking in to the industry. On top of that we have to be in compliances with other certifications in our day-to-day line of work. HAZWOPER, OSHA, safety trainings, etc...	1/10/2024 11:26 AM
1215	I believe that requiring continuing education would be a good thing for the land surveying profession.	1/10/2024 11:25 AM
1216	I fully support this initiative!	1/10/2024 11:25 AM
1217	Ethics and Morals require our stamps to only apply to work that is relevant and within our expertise. By self regulation we are required to continue our education by default in order to continue practicing without the requirement of the Board to step in to mandate the effort. I alone have continued my own education and at my own pace, all engineers must follow ethics and morals however not all engineers have the same influx or type of work load necessitating mandatory continued education. Thank you for your consideration	1/10/2024 11:25 AM
1218	In practicing geology and engineering licensees are expected to be up-to-date on the most recent workflows. This is reinforced through competition between consulting firms for work, regulatory duties in government, or publishing of work in peer reviewed publications. Adding a PDH or CEU requirement adds unnecessary burden and bureaucracy to the profession where we already participate in staying up-to-date with changes in industry.	1/10/2024 11:25 AM
1219	It is important to attend for latest code updates and case studies that will elevate my level of education.	1/10/2024 11:25 AM
1220	Many states are doing it and it keeps the licensed professional engaged in current practices, policies and procedures.	1/10/2024 11:23 AM
1221	Support PDHs but not 30 PDHs every two years. 10 PDH per year seems more reasonable to me OR An 8 hour equivalent attendance at a seminar, etc. within the engineer's area of expertise.	1/10/2024 11:23 AM
1222	Continuing education is mandatory in our practice for all employees. Means, Methods, Materials, Codes, Standards, Business Practices are not learned in a vacuum. Yet, you do not know what you do not know, and it can be cast aside if not mandated. Mandatory continuing education is a tool to add balance to a strained profession.	1/10/2024 11:22 AM
1223	While continuing education is important, the classes I have taken that are focused on learning a new subject instead of focused on just counting as a PDH are much more beneficial than the 1 to 1.5 hour courses.	1/10/2024 11:21 AM
1224	PDHs is a great idea if the monetary cost to obtain them is low to none and reasonable hours are expected.	1/10/2024 11:19 AM
1225	For working professionals, utilizing their professional license in a full time manner, PDHs should not be required. If anyone is not currently working in a manner that keeps their knowledge of the field relevant, I could see the need for PDHs.	1/10/2024 11:18 AM
1226	I'm all for mandatory CE, it's been a long time coming.	1/10/2024 11:18 AM
1227	It would be good to have continuing education PDH requirement part of the PE license renewal. Education can focus on the new regulations and professional liability	1/10/2024 11:18 AM
1228	Considering the board stresses real word experience, I do not think PDHs would actually add any value to the safety and consistency of proper professional engineering design. For a group of intelligent people, they will find the easiest and quickest route without taking in any of the information likely.	1/10/2024 11:18 AM
1229	No. California already has one of the strictest testing requirements to become licensed. I believe the state's engineers are well equipped to safely serve as licensed engineers. I would suggest considering a "grand father" program for those already licensed and requiring PDHs of all new licensees going forward if there is a concern about licensees not being appropriately up-to-date on current topics going forward.	1/10/2024 11:17 AM



1230	Being licensed in Nevada and Arizona as well as California, I have seen first hand the PDU requirements in action. What I experienced in Nevada is the on-line courses which are simply a re-hash of what a typical PLS should know anyway. I personally think it is a waste of time and money for it to be required. I am, however in favor of a four year degree, but, the laws of supply and demand are NOT in our favor. It is hard enough to get and keep the numbers up in License Land Surveyors in the State. A pdu requirement would also go against that. Not in favor.	1/10/2024 11:17 AM
1231	I have multiple licenses and throughout the states and CA is the only not requiring any continuing education. Continuing education in my opinion is a must in order to stay sharp as a professional engineer in California	1/10/2024 11:15 AM
1232	In general, I believe that PEs do keep current with some level of continuing education and technical resources. However, requiring PDHs might make that more apparent to engineering clients and the public.	1/10/2024 11:14 AM
1233	Within my company and field, our company already does a lot of continuing education for all our engineers internally and looks at the forefront of all the research to stay industry ready. I don't believe having to get certified externally from what we are already doing is necessary. It would just be a waste of money and time. The continuing education credits wouldn't enrich my current knowledge growth or experience.	1/10/2024 11:14 AM
1234	I think this is absolutely critical to add PDH requirements. Its rather absurd that this isn't required already.	1/10/2024 11:13 AM
1235	I do not believe mandatory continuing education contributes to the advancement of the profession. Licensed engineers have a personal and professional responsibility to keep abreast with training and education, the magnitude of which is dependent on the particular area of practice for the subject engineer.	1/10/2024 11:13 AM
1236	Yes, most other states that I am license in require PDH's for renewal. They require 30 PDH's for a 2-year renewal period, typically.	1/10/2024 11:12 AM
1237	Haven't thought about it that much.	1/10/2024 11:11 AM
1238	What course/subject matters will be accepted. Civil Engineers are practicing (or not practicing at all) in different field (Water, traffic, safety environmental, design, structure const. project management, etc. Who will be PDH providers? There shall be a cap for fees on taking those courses and/or seminars. What would be the consequences if PDHs were not met? Can those old license holder opt out or be exempted for PDH? Or just retired their license for good?	1/10/2024 11:11 AM
1239	The courses are so ritualistic and basically ineffective that it is a waste of time. I already have this requirement in over 20 states where I am also registered	1/10/2024 11:10 AM
1240	Other professional licenses require continuing education. Something as important as engineering should definitely require it.	1/10/2024 11:10 AM
1241	They are good to do in order to keep current in your profession. If there is a way to make them submittable online like ICC, that would be better.	1/10/2024 11:09 AM
1242	Registered engineers employed by a government agency should be exempt from PDH requirements as their work does not routinely or actively perform direct engineering, as consulting engineers do.	1/10/2024 11:09 AM
1243	Seems many other states do. California Engineers experience and education should meet or exceed that of engineers in other states.	1/10/2024 11:08 AM
1244	I agree with PDH to be required. I also recommend to have 2 hours ( as part of the total required) 1 hr required for any legal updates to the law and regulation govern the Board and the profession, and the other hr is for the professional ethics.	1/10/2024 11:08 AM
1245	Most of it is not really continuing education, seems like a charade.	1/10/2024 11:07 AM
1246	There is little need for continuing education in geology because there aren't many practices introduced that improve the safety or reliability of the practice. Perhaps only in geophysics are there any new tools, such as NMR, that are being widely adopted. And the uncertainty with these tools when compared to traditional methods does not improve the outcome enough to warrant mandatory education. In other words, a geologist can build a good well or make a good	1/10/2024 11:07 AM



interpretation with old methods or new. I think continuing education should be optional with perhaps a license extension as the incentive. Maybe 6 months or so.

1247	I believe the testing is enough. Requiring PDHs just adds burden and doesn't provide more value.	1/10/2024 11:06 AM
1248	As long as the courses are available online, I'd be willing to participate in the PDHs.	1/10/2024 11:05 AM
1249	PDF's are unprecedented in these fields of licensure in California. The Board should provide clear evidence of the need for PDF's, such as statistics on incidents, complaints, etc. over the last 25 years indicating PDF's would be likely to improve licensee performance, rather than just establishing new requirements for the sake of making changes.	1/10/2024 11:05 AM
1250	I feel that the system has worked fine for many years as it is, and it isn't necessary to complicate the renewal process. I feel that I get better "continuing education" in the daily performance of my job which is more specific to my area of expertise.	1/10/2024 11:04 AM
1251	Hard to implement in a meaningful way without making it a burden to track and it feels like boards just use this as a "gotcha" to fine and discipline engineers	1/10/2024 11:03 AM
1252	Mandatory for practice acts.	1/10/2024 11:03 AM
1253	While it seems like an obvious idea to require continuing education, I would be interested in an analysis of the costs and benefits of the current system. Is there a problem with engineers working outside of their competence? It seems to me that market pressure to win jobs is sufficient to ensure engineers keep up with their education.	1/10/2024 11:01 AM
1254	Perhaps should be required for specific licenses, e.g. civil engineering, but I don't see it as required for all licenses (like electronics)	1/10/2024 11:00 AM
1255	My "Professional Development Hours" are my 40-60 hour weeks working in industry. California requiring more time on top of this is absurd, not to mention asking us to pay for it.	1/10/2024 11:00 AM
1256	I believe continuing education requirements should be led by industry on the basis of newly developed technology and methods, instead of being made mandatory through public regulation. Every discipline and sub discipline of engineering has varied requirements and speed of innovation, and it would be detrimental and unproductive to have one regulation "across the board" so to speak. I believe the free market and natural flow of innovation will guide engineers to naturally continue their education at the pace needed.	1/10/2024 10:59 AM
1257	I would be in favor of PDHs	1/10/2024 10:59 AM
1258	Other states require CE or PDH - CA should allow continued education credits to count for and overlap with other PE licensing requirements - 16 hours earned in education should be counted for all PDHs. Also, will there be an ethics requirement as part of annual PDH?	1/10/2024 10:58 AM
1259	IMO Although the theory of pdh's is a good idea, and I appreciate the board trying to move in the correct direction, the reality of the systems in place in other states makes this a complete waste of time. Enough resources are never provided to ensure the classes/talks/credits given are actually valuable. It is too easy to, say, take a "lunch-in" which turns out to be a sales pitch for a product, and get 1 or 2 hours of credit. The focus becomes getting the hours to jump thru the hoop, in lieu of actual education. The cost required to do this meaningfully will be difficult to fund. Currently, the State has 2 hot issues that are adversely affecting Professional Engineer Licenses. These issues are somewhat connected. 1) There are too many licenses being given out, resulting in too many professional engineers who are compromised by their jobs. As in engineers who work directly for contractors. Or people with licenses that know very little beyond signing the plans for "legitimacy". 2) State agencies (please see the California Energy Commission) and many Jurisdictions are setting up systems (or going to third party plan checkers) who are setting up a system where unqualified people are being put in place, dictating the code and the requirements to Professional Engineers. For jurisdictions, they are quickly losing the knowledge base needed to discuss nuances and exceptions to the codes. For the California Energy Code, they are attempting to ignore the ethics and competency of the PE licensing, by not allowing PE's to sign and accept responsibility for their designs in the field verification process. pdh's would help towards the first issue. But I suggest you make the cost significant, and have the courses pertinent.	1/10/2024 10:58 AM
1260	When continuing education is mandated the courses that satisfy the requirement often do nothing to improve the skills of the pupil in his/her chosen area of practice.	1/10/2024 10:57 AM

1261	I vote for no mandatory continuing education	1/10/2024 10:55 AM
1262	I do not believe they should be required	1/10/2024 10:54 AM
1263	Should I've been done a long time ago. I am also a supporter of a degree requirement for licensure.	1/10/2024 10:53 AM
1264	For those of us that have had licenses for a number of years, this change seems unnecessary.	1/10/2024 10:53 AM
1265	It should be mandated and required to a reasonable and equitable extent. Imagine if doctors didn't have to keep up with modern practices. That said, keep in mind, some companies do not offer covering PDHs. A PDH typically ranges from \$20-100 per. Requiring 10 PDHs could cost someone between \$200-1000 per year. One other recommendation is to require one ethics PDH per renewal period (similar to many states).	1/10/2024 10:53 AM
1266	I don't believe implementing mandatory continuing education is necessary for those actively practicing as a professional geologist.	1/10/2024 10:53 AM
1267	Should depend on the date the original license was issued. For example, should not apply to engineers that are advanced in their careers.	1/10/2024 10:52 AM
1268	I do not think that participation in an online continuing education course is a good measure of professional competency. Perhaps a better measure is years of active professional experience without a litigated action.	1/10/2024 10:51 AM
1269	Along with my license, my position requires me to hold several certifications (i.e., PMP, CSP, CPESC, etc.). Every certification requires me to recertify every year or up to every 5 years. For the last 5 years, this is being done on line through technical web based conferences and meetings. As a PG, there are several in person conferences held in the State a year that several licensed PGs attend. In my opinion, I think a large portion of the PGs are already doing this on their own. If this is a formal process, then it is easier to justify their work paying for their attendance. Also, I think this would assist in making sure that changes to regulations are passed on to licensed individuals and reaffirming information that you find is the most misunderstood at the Board.	1/10/2024 10:47 AM
1270	The individual license is made of a diverse group practicing in diverse subsets of the technology. Finding a provider of a select practice in a field will be very difficult to achieve.	1/10/2024 10:46 AM
1271	I don't like must do's and prefer options. I prefer people to be self motivated instead of doing PDH's to check a box which may not be that helpful.	1/10/2024 10:45 AM
1272	I generally support mandatory continuing education as long as the types of courses accepted is wide ranging and the regulations do not require the preapproval of courses, or the completion of courses on specific topics. Some states require individual courses to be pre-approved, or have requirements that a certain portion of your hours must be related to specific topics, and these types of detailed and exhaustive requirements represent a significant burden to both the licensee and the licensing board, in addition to increasing confusion regarding requirements and increasing the risk of unintentional non-compliance. I have seen cases where a co-worker took a CPC course that was specifically advertised by the provider as meeting another state's requirements, and was subsequently audited by that state, who determined the course in question did not actually meet their requirements and the state cited the licensee even though the licensee had no way of confirming that the course didn't comply. This is the type of situation that can/will result from overly intensive and complex CPC regulations, which provide no significant additional value to the profession.	1/10/2024 10:45 AM
1273	Personally I don't think it should be a requirement - this adds additional cost and documentation requirements	1/10/2024 10:44 AM
1274	As a practicing design and construction engineer, it seems like an unnecessary and burdensome requirement	1/10/2024 10:44 AM
1275	I do not support the requirement of PDHs. I have to obtain 30 PDHs every two years for some of my state licenses, and it just seems like a money maker for PDH provider companies. It's not really about learning new things. It's about paying a company to provide online courses. I don't really get much out of the PDH process. It's just more on my never ending to do list as an engineer and human in America.	1/10/2024 10:43 AM
1276	As a professional engineer, I am continually learning every day at work to solve the vast array of projects that we are awarded. I've only heard that continued education is an unproductive	1/10/2024 10:42 AM

and unnecessary burden in states where this is required.

1277	I do not support mandatory PDHs. It is already the responsibility of each licensed individual to refrain from performing jobs that are outside their area of expertise or competence. Before a new license is approved, applicants have to gain experience and the concurrence of existing PEs in addition to proving base competency through passing their respective exam(s). After that, continuing on-the-job training and exposure trains the individual in the appropriate application of their new responsibility - as applicable to their company/practice. Any mandatory PDHs would by nature have to focus on broad applications of the governed disciplines and often be inapplicable to actual daily practice of the licensees. I encourage you to let individuals who need additional education before accepting a job that's beyond them go find such training themselves and do not force the entire population to take training that is likely to waste time. Of course, the interest in PDHs is likely promulgated in part by grievous failures of engineers in the past, which may bring into question continuing competence, proficiency, and liability. Again, responsible application of each individual's license lies solely with that individual. Licensees accept personal liability when stamping work. Consider simply requiring acknowledgement of this reality upon each license renewal, if it doesn't already exist. Thank you for providing the opportunity to voice my opinion on this important matter.	1/10/2024 10:42 AM
1278	I believe that focused CPC hours are the most beneficial. For example, New Mexico (where I am also licensed) requires ethics hours for renewal and one of the things they cover is "what are the most common ethics or board rule infractions" with best practices given to avoid being a "rule breaker".	1/10/2024 10:41 AM
1279	Most states require it and I would expect all will require in time.	1/10/2024 10:39 AM
1280	Continuing Education is extremely necessary for the protection of the public and for the betterment of the profession. There should also be consideration for requiring a portion of the hours in a two-year cycle be spent on ethics and revisions to the SMA/PLS Act.	1/10/2024 10:39 AM
1281	Please do not add more work to us to maintain an accounting and catalog of trainings we have taken over the past 2 years. This adds an additional financial burden on us to not only pay for the enforcement, but also paying to take low value training courses to fulfill an unnecessary requirement.	1/10/2024 10:38 AM
1282	If California engages in mandating PDHs, which I think they should, ensure that tracking is linked and supported on NCEES' PDH portal.	1/10/2024 10:38 AM
1283	I think it should be considered. I hold many licenses and CA is an outlier with no requirements. Consider allowing non-resident PE to simply meet the CE requirements of their home state (if they require CEs). NC uses this approach.	1/10/2024 10:38 AM
1284	The licensed individuals that are interested in maintaining a standard of excellence are already doing PDH on their own. If this requirement is put in place, there will be a creation of paid seminars and persons promoting their training programs of questionable value, but meeting the documented requirement.	1/10/2024 10:38 AM
1285	Technology changes. People need to be aware of change.	1/10/2024 10:37 AM
1286	Continuing education should have a defined purpose before mandating such efforts. The Board should consider the work completed under each license, the potential evolution of work carried out under such license and how that evolution influences work carried out by those holding a license. Any such effort should be carried out in a partnership framework with the Professional Society associated with each license. All of this should be accomplished prior to any mandate for continuing education hours	1/10/2024 10:37 AM
1287	I do not agree with adding the burden of proof to the working engineers, I believe it is the responsibility of the governing body to evaluate my work which can be found as public record as they see fit. I do not see a large educational benefit from a mandatory CE credit system, this will only discourage new engineers from joining the PE workforce	1/10/2024 10:37 AM
1288	The Board should not implement mandatory continuing education. It is an added formality that only adds cost and a barrier to entry for getting people to stay and become professional engineers in the HVAC industry. As a whole, we need to continue attracting and retaining talent that tends to be pulled more to other more "exciting" and higher-paying industries. By its nature, HVAC is continuously growing and improving the technology we use and we are kept current by both code requirements and ASHRAE.	1/10/2024 10:37 AM

1289	I believe it should be a requirement to have boundary/law PDHs every two years. This would have great benefits to us LS' in ensuring we are up to date and offering the best services to the public.	1/10/2024 10:36 AM
1290	I don't feel there is a need in implementing mandatory continuing education. While working in the field everyday you are already staying educated.	1/10/2024 10:35 AM
1291	mandatory CE costs a lot of money to the PE, et al. To save money most every one chooses cheap courses - mostly not relevant to the area of practice. When an employer pays for the CE courses, even they are from a bulk offering by a PDH selling business. I would rather review professional / technical magazines and update my skills for my area of work.	1/10/2024 10:35 AM
1292	I am looking for my comity PLS in California. I have no problem with PDHs in other states. I think it is good to develop our profession. I believe it can preemptively train license holders to stay ahead of problematic habits that may have been passed down to them. It can also help surveyors keep up with resources and tools.	1/10/2024 10:34 AM
1293	For those of us that are licensed in multiple states this adds additional unnecessary time and management to the license renewal process. It is time consuming to maintain and catalog all the separate state requirements. If anything this will reduce the chances that people continue to renew their licenses if they are seldom used. Please do not add more bureaucracy to our lives, this provides no value to license holders, the state, or the public. Please do not add another wasteful state bureaucracy that only benefits the organizations that are running low value training programs. Any good Professional Engineer already keeps current on trends and training in order to continue to get and maintain work, the state doesn't need to interfere with the marketplace in this manner.	1/10/2024 10:33 AM
1294	Going through this process with other licenses I currently hold gives the public the perception that we are doing something to increase our competency. My personal opinion is that good engineers are always learning. Forcing license holders to go through a process that that may not be applicable to out specific area of practice, so we can appear to be doing something productive toward our individual competency seems silly. If the concern is giving the public the perception we are competent, I'm sure there are many other ways to achieve this goal. Of course this begs the question "what is wrong with our current system". If there are bodies that are associated with substandard engineering practices, the board should call those out and conditions that led to the problem. Same goes for morbidity. I think we can become impelled to act because of outside pressure that others are acting when there was no basis for their action either. In other words, there is no morbidity or mortality associated with our work, let's take these extra steps each cycle to convince the public we are doing something when nothing needs to be done. If I am mistaken and morbidity and mortality are rising and associated with our work, then it is time to act.	1/10/2024 10:33 AM
1295	It seems to me that, requiring some form of continuing education is a practical way to encourage those with professional licenses to remain somewhat current with the epistemological shifts that are a critical/necessary part of any science based discipline. If implemented, I think continued education requirements need to remain focused on the particulars of the specific academic field one is licensed in. While it can be tempting to try offer/require training in a 'related' field, I suspect it would quickly devolve into propaganda sounding board for those with strong ideological predilections to try and indoctrinate others with what they believe is the proper moral/ethical/religious/social system that others should adopt.	1/10/2024 10:33 AM
1296	This is a nuisance and a racket. Cut it out.	1/10/2024 10:32 AM
1297	The state is already chasing away businesses whose owners flee due to the extreme regulations which only drive up the cost of construction. The cost of this program will trickle down to the future homebuyers and business owners of the state. Instead of creating a new layer of bureaucracy, continue to enforce the existing rules of putting in-check those who practice in areas outside of their competence.	1/10/2024 10:31 AM
1298	With Code changes every three years we have significant research we have to do. The same is true with ASCE. I feel this is continuing education enough.	1/10/2024 10:30 AM
1299	Providing engineering products is sufficient and no need for any other continuous education.	1/10/2024 10:30 AM
1300	I currently hold another 22 active P.E. licenses in other USA States , which I am required to acquire from 12 to 15 PDH hours per year; so I kind of half to support continuing education . This presents a good degree of time effort and expense, I order to purchase and take the	1/10/2024 10:29 AM

necessary courses and / or webinars to obtain the required proof certificates to have in hand if audited by any of my State licensors.

1301	I think it is necessary for all engineers to dedicate some time to study and keep up with the building code and ASCE minimum design loads changes through each code cycle to be responsible engineering practitioners. It depends too on availability and affordability of such mandatory continuing education seminars or classes because some of these programs are very expensive to take.	1/10/2024 10:29 AM
1302	mandatory continuing education becomes a check box to be marked that serves no useful purpose in ensuring that engineers keep up with modern trends, materials, and techniques.	1/10/2024 10:28 AM
1303	PDH's are irrelevant and absolutely should not be required. Engineers are already required to continuously learn and sharpen their skills on a daily basis while using their license.	1/10/2024 10:28 AM
1304	I think it's a great thing. I attend many continuing education events for my own personal development even though PDHs are not required by state. I am quite surprised that CA does not require continuing education considering the seismic activity in this state.	1/10/2024 10:27 AM
1305	As an engineer (PE, CAC PB I/A, QSD/QSP) I think continuing education is essential to providing clients the best engineering solutions to changing project demands and new resource utilization.	1/10/2024 10:26 AM
1306	The board should NOT implement mandatory continuing education.	1/10/2024 10:26 AM
1307	PDHs are not effective. I continually learn on the job and through courses that I choose to attend. Meeting PDH requirements does nothing to prove that I am learning anything. Being required to take courses that are not effective is a waste of my time and waste of government resources.	1/10/2024 10:26 AM
1308	I do support mandatory continuing education, however, online options should be available due to costs and budget constraints associated with travel, lodging, and conference fees.	1/10/2024 10:26 AM
1309	I support the Board to consider mandatory continuing education	1/10/2024 10:26 AM
1310	Recommend teaming with the architects. They have similar continuing education goals. Also, they are considerably more sophisticated than the land surveyors.	1/10/2024 10:25 AM
1311	this is only a money grab for the board and those offering continuing education course. it is totally worthless. what would be worth something is documentation from a license holder proving his continuing experience that may include education	1/10/2024 10:25 AM
1312	if you are currently practicing you should already be current with standards of the industry.	1/10/2024 10:24 AM
1313	Professional work provides plenty of opportunities for growth and development.	1/10/2024 10:24 AM
1314	PDHs will bring light to many people who want to take advantage of this requirement. It will be another personal cost added to an already costly profession, especially with liability of errors and omissions. With the economy and inflation now, many people cannot afford the extra costs. There is already a shortage of engineers, and this will only make it more difficult.	1/10/2024 10:24 AM
1315	As a practicing engineer that works and has lived in the State of CA , I find that the need for CEUs is completely unnecessary and is just ANOTHER administrative hurdle and fee that is being placed on an already struggling, working middle class. Our "CEUs" are our jobs and successes. This will only serve to create greater bureaucracy in an already bloated state government whose only service to the population is to take their financial resources.	1/10/2024 10:23 AM
1316	Continuing education should be on the responsibility of the individual and the organization. Creating a program that demands it can lead to forcing schedules to include training which could lead to half effort, and lack of interest in the actual program. When taking a course for continuing education it should be for personal growth, not just a check in the box. Organizations can create their own programs to incorporate education plans in career development. Making it a license requirement would create individuals the environment that leads to just "taking" courses to complete the requirement not to actually continue their education.	1/10/2024 10:23 AM
1317	should be voluntary	1/10/2024 10:22 AM
1318	Research from the Arizona Board has indicated that continued education does not significantly improve the performance and competency of licensed engineers. Licensed engineers	1/10/2024 10:22 AM



	practicing in their field of competency should already be doing their due diligence to continue to further their knowledge and education as self improvement and to keep up with changes in the industry.	
1319	I recommend that licensed professionals need PDH for license renewal. In my opinion, licensed professionals need to have continuing education to keep up with industry practices and technologies.	1/10/2024 10:22 AM
1320	not sure why it needs to be mandatory. as a professional you should know what you need to keep up with changes in the industry.	1/10/2024 10:21 AM
1321	There should not be a mandatory continuing education requirement. This is an undue burden on the licensees and increases costs. Additionally licenses may decide not to renew diminishing the pool of practicing professionals in the state.	1/10/2024 10:20 AM
1322	California is one of the hardest state to get your PE license. Most of the candidates, after receiving their license, work in a professional setting and very much up to date with evolving engineering world. It won't be fair to add additional stress of CE to all the hard working engineers, while they are working to keep California moving forward every day while balancing their personal lives.	1/10/2024 10:20 AM
1323	The practice of engineering by any given individual is typically specialized in a manner that renders it extremely unlikely that a continuing education course could be found that would actually increase that individual's competency. Courses are likely to be selected on the basis of geographic convenience and timing with little regard for the topic being taught or relevance to an individual's area of practice.	1/10/2024 10:20 AM
1324	Should have happened LONG ago. But how do you handle veteran Registered Professionals that may be the ones TEACHING to PD courses? PDC should come in a variety of ways. Participation in professional society meetings as well as paid courses. Make it meaningful, NOT punitive.	1/10/2024 10:20 AM
1325	I anticipate PDHs will help enrollees stay up-to-date with new technologies (groundwater treatment, for example), regulation changes, and emerging contaminants of concern.	1/10/2024 10:19 AM
1326	I spend a lot of time reading professional journals. If all licensed professionals did this, there would be no need for mandatory continuing education.	1/10/2024 10:19 AM
1327	While requiring PDH is wide spread throughout the US, I don't think it necessarily helps improving or maintaining skills. The course offering includes many topics related to administration, management, etc, while interesting, have nothing to do with our core competence. Also, taking the same courses in repetition every year does broaden the knowledge. These are just a few point against the PDH concept..	1/10/2024 10:19 AM
1328	I am licensed in several states, some requiring PDHs, others not. I have never signed up for a course, class, webinar, etc. purely for the purpose of PDHs, but I have always met the requirement just by documenting the various webinars, conferences, etc. that I attend over a two year period. So it doesn't really change anything that I am already doing, it is just more administrative work.	1/10/2024 10:18 AM
1329	My company already requires documentation of annual professional development hours. I would prefer to not be required to do this twice.	1/10/2024 10:18 AM
1330	Outside of course provided, is there way to consider other option including: - Conference attendances - Courses taken at college, community college - Self-study for topics relevant to the field. Documenting the work by reports and presentation.	1/10/2024 10:17 AM
1331	The could be value in implementing continuing education only if done properly and closely monitored. Required PDH to maintain a license could quick become a "check the box" exercise with minimal value to the individual professional due to the additional strain on the hours put into the profession through daily work requirement s.	1/10/2024 10:17 AM
1332	Work experiences are much more important than schooling generally. PDHs or outside formal training should be reserved for the less experienced, less than 5 years on the job, but licensed.	1/10/2024 10:16 AM
1333	For Surveyors, I don't believe this is necessary. We have already demonstrated the minimum competency required to protect the public interest. The PLS Act already address the issue of practicing within ones area of competence. I feel like this is just a way to suck more money and time out of an already busy profession.	1/10/2024 10:16 AM

1334	My role requires sufficient development hours independent of formal clas time	1/10/2024 10:15 AM
1335	Fully supportive of requiring continuing education.	1/10/2024 10:15 AM
1336	Planned PDHs will create extra economic difficulties on the non-working members, please don't assume every one member has good income.	1/10/2024 10:15 AM
1337	It would probably help the profession.	1/10/2024 10:14 AM
1338	PDHs would place an unwelcome additional burden for maintaining what is very limited practical use of my license.	1/10/2024 10:14 AM
1339	The changing professional development climate in the industry seems to suggest that some sort of continuing education requirement should be implemented to maintain a high level of proficiency.	1/10/2024 10:13 AM
1340	On the surface, adding continuing education requirements seems like a good idea, however, requiring PDHs will add very little, if any, to the competency of an engineer. Have there been any studies conducted that show CE is effective? Just following other states without analysis is not a valid reason for change.	1/10/2024 10:13 AM
1341	The state of practice and state of art in structural engineering are constantly expanding and being updated. I believe that engineers will benefit from keeping up with new technologies, learning new construction methods, new design techniques, code updates, etc. as this will help them not only produce better and safer designs but also to become more well rounded as professionals. This will benefit the engineering profession too.	1/10/2024 10:13 AM
1342	I find this pivotal. I am licensed in several other states and after talking to surveyors in California, I find their knowledge lacking in newer technology and interacting in the state boards and CLSA.	1/10/2024 10:12 AM
1343	Currently, you get your license and as long as you pay your fees and don't commit any egregious acts, you are set for the rest of your career. There is no follow-up evaluation of one's "fitness" or stress testing knowledge in the field(s) they practice. I think this is a flawed system and one that could lead to low quality practice in fields in early, middle, and late career professionals. What if you passed your tests as kind of a fluke? What if you are a mid/late career professional who is being asked to do new things they have minimal experience with beyond studying for an exam X years ago and they don't recognize their deficiencies? I can't say I think PDHs are really a way to address these concerns, but they are perhaps better than nothing? I do think the PD course industry is a bit of a racket and that those who maybe need the PD the most are the ones who will do the bare minimum and not internalize/develop much during their courses. I would say my "support PDHs" is a soft support.	1/10/2024 10:12 AM
1344	It is idiotic that this is not a requirement in a state with such constant new building codes, seismic information, and geologic discoveries. It literally invalidates the point of a license.	1/10/2024 10:11 AM
1345	I do support some amount of PDH's in order to keep up with best practices across our industry.	1/10/2024 10:10 AM
1346	I do not support requiring PDFs for renewal of licensure	1/10/2024 10:10 AM
1347	Pdh credits would not be reimbursable on taxes and those in public agency positions and most other employers do not cover the cost of them. This would cause an added financial burden for people in the beginning of their careers. This would affect their career and may discourage newer staff in applying for PE licensure. This may also delay promotions that require licensure if pdh is also a requirement.	1/10/2024 10:10 AM
1348	Why start the requirement now? Has there been an issue that has led to this proposal? In my opinion, every licensee is responsible for their continuing education, which is a prerequisite for responsible use of their stamp. The state should not take on the responsibility of monitoring what should be every licensee's personal responsibility.	1/10/2024 10:10 AM
1349	I think a minimum amount of seismic education should be included in the yearly requirements. 5 hours of the 15 total hours, for example.	1/10/2024 10:09 AM
1350	Until a study is completed on the effectiveness of continuing education (CE) I am opposed. "Protection of the public shall be the highest priority for the Board for Professional Engineers, Land Surveyors, and Geologists in exercising its licensing, regulatory, and disciplinary functions. " Does CE result in increased protection of the public? A study should quantify the	1/10/2024 10:09 AM

efficacy of CE. since I am also licensed in Nevada, I find that CE is a useless waste of time and additional, unneeded regulation.

1351	I STRONGLY oppose implementing a PDH requirement for relicensure. I have substantial required annual training from my employer that actually (sometimes) is relevant to what I do. An additional PDH requirement would be a waste of time and money for the Board and for me. It's not going to provide increased protection for the public or increased competency for the licensees. DON'T DO IT!!	1/10/2024 10:08 AM
1352	Who will provide the PDH classes for all the different Practice and Title Act PE's? NY made ChemE's take Civile PDH's since there were no ChemE classes.	1/10/2024 10:07 AM
1353	Continuing education programs tend to be too broad as to training subject matter to be effective. Suggest working with local building departments and public officials to develop best practices examples and guidelines to improve efficiency of review and approval process of public entities. This would be more effective than a continuing education program.	1/10/2024 10:07 AM
1354	What evidence do we have that continuing education classes have an impact on the quality of engineering provided to the public. The traditional continuing education courses would not have much benefit to a number of engineers. What about the owner of a firm who does no technical work but manages multiple engineers and primarily focuses on client contact and managing the firm. Should those individuals be deprived of their livelihood.	1/10/2024 10:07 AM
1355	Civil Engineering is a broad field and you should only practice in areas that you are competent. Fees have gone up considerably and the verification and enforcement will only add to this. My opinion is that it will also cost more than you think to all parties concerned. Continuing education providers should have classes that stand on their own that are not taken in areas of no help because they are cheap or schedule favorable. Just because everyone else is doing it, we don't need to. What problem will be solved by implementing this other than making course providers money to put on bad courses when I find the current continuing education to currently be of very good quality in a competitive market.	1/10/2024 10:06 AM
1356	The benefits of requiring PDHs does not outweigh the impacts. In theory it is a nice idea but in practice it does not lead to more developed or skilled engineers.	1/10/2024 10:05 AM
1357	If the Board were to set a minimum number of PDHs per licensing period, it will become a box-checking exercise. When I attend conferences, I observe licenseholders from other professions doing the bare minimum necessary to receive their credits. The people who are motivated and/or curious enough to be lifelong learners will continue developing themselves without the Board's mandate. The ones who lack the motivation and/or curiosity won't become better at their jobs after being forced to take a few hours of training once a year, any more than rushing through your tax filings once a year helps you with money management. For PDH training to be effective, it must be practiced – every hour of every day – for a lifetime. There's an ancient saying: "We are what we repeatedly do. Excellence then, is not an act, but a habit." Let me direct your attention back to the "Why" of PDHs. Is the Board really considering PDHs to protect the public? Or is it to shield the Board from liability? Or is it merely to follow the lead of other state regulatory agencies, who probably don't know any better than California? If the Board truly wishes to protect the public, look at data from other states: • Do the states with higher PDH requirements have a lower per-capita citation/violation rate than the states with lower/nonexistent PDH requirements? • Does higher PDH requirements translate to fewer buildings crumbling, fewer dams collapsing, and measurable improvements to public welfare (scaled to the number of license holders)? • For states with PDH requirements: was there a *significant and sustained* improvement to public welfare after the PDH requirements were implemented? If California is doing better than other states, let's not follow the herd down into mediocrity. If we're behind the curve, let's catch up, even if that means mimicking the PDH requirements (and other improvements) of other states. If the relationship between PDH and public safety is unclear, then use this mental shortcut: higher complexity, higher costs, and increased bureaucracy is unlikely to make California a better place.	1/10/2024 10:05 AM
1358	As a licensed engineer, learning is part of the process. It's not possible to be a great engineer without learning each year as technology changes and methods are updated. However I do not support the mandatory requirement of PDHs. PDHs are a financial burden as most courses are quite expensive. As an engineer, I understand that the use of my license carries implications and should be taken seriously. I however do not believe requiring PDHs is helpful. I believe most of my learning is already in my job and if I'm not a good engineer, there are already systems in place to show me that I need to seek help or further my own education at my own pace and time. PDHs would carry quantity requirements and time limits. Who would have to	1/10/2024 10:04 AM

pay for it? The licensee. In an economy that is already volatile, another fee, which PDHs would carry should not be necessary. Taking 3 exams in California for a license is already stringent enough. No other state has this requirement and it's already difficult for many to achieve. Why do we want to make obtaining and keeping a license more complicated?

1359	During my normal workday, I am constantly learning new concepts daily. I do not have time in my day to run an engineering firm and spend time with my family.	1/10/2024 10:03 AM
1360	If implemented, I think it should be for new license holders starting on the date of implementation. All previously licensed individuals would be exempt from the new requirement.	1/10/2024 10:03 AM
1361	Every professional should keep up to date with continuing education. However, the amount of training should be up to the professional, not some arbitrary number of hours. It is not a one size fits all situation. CEUs have become an entity unto themselves. Often it is more about marketing products and services rather than true education. Be a leader CA, just say no to CEUs.	1/10/2024 10:03 AM
1362	If you decide to implement mandatory, professional CE hours, I suggest some hours in the legal, ethical, and safety aspects of engineering - and that they be made easy to acquire. I do not think that having to attend a course in LA traveling from San Diego would be reasonable so I also recommend that any hours be required to be offered in an online option. Finally, some "vendors" would charge exorbitant amounts in order to offer a course so I also recommend that a certain amount of courses/subjects be required to be made available through community colleges, or other state education facilities. I suggest the professional development hours go through a 5-year status of being highly encouraged rather than required because in order to administer this requirement would, in my opinion, be costly and add to the state budget, even if licensees were to pay a fee.	1/10/2024 10:03 AM
1363	I'm not interested in imposing new requirements on licensees. Getting our work done is difficult and expensive enough already. The cost of continuing education will undoubtedly be passed down to the consumer in time. I believe that those of us who value our license and our profession take it upon ourselves to continue our education in our own way. For those who do not, a continuing education requirement will not change the way they practice. Will the Board be revoking the licenses of those who do not complete their PDHs ? Or not allowing renewal until the hours are completed ? This seems like a lot of administrative headaches and cost with not much upside.	1/10/2024 10:03 AM
1364	I am actually in support of PDHs; however, as a matter of practice, this occurs pretty often and naturally. Tracking or requiring this is somewhat irrelevant in my opinion if the licensed individuals are indeed practicing and maintaining licensure. I believe, there should be more focus on how to better recruit and educate the young professionals to become competent and adequately licensed. This is my number one concern for our industry. We lack younger qualified individuals, and while I don't suggest we make the process easier; we need to recruit talent and promote our industry.	1/10/2024 10:03 AM
1365	PDH are an important aspect of maintain professional relevancy and confirming competence in the field. Board should align expectations with NCEES requirements.	1/10/2024 10:02 AM
1366	Mandatory continuing education will help ensure that licensed professionals continue to refresh their fundamentals, including ethics, of their profession. This can also improve public confidence in the qualifications and skills of licensed professionals.	1/10/2024 10:02 AM
1367	If PDH is required it should be waived after 20 years of practicing,	1/10/2024 10:01 AM
1368	Other professions do and their work may not be related to public safety. Also knowledge and applications evolve rapidly in engineering.	1/10/2024 10:01 AM
1369	PDH is meaningless. You can get them in a few minutes by going to EZPDH or similar.	1/10/2024 10:01 AM
1370	geologists need continuing education on borehole sealing, especially with respect to instrumentation	1/10/2024 10:00 AM
1371	Not in favor of implementing this requirement.	1/10/2024 10:00 AM
1372	I think the cost of renewing the licence should be based on the amount of continuing education credits each person takes. If you make it mandatory, some licensed people may not be able to renew.	1/10/2024 10:00 AM
1373	I'm licensed in other states which mandate continued education credits and I don't find it	1/10/2024 9:59 AM

	beneficial.	
1374	With ever changing technology and capabilities of GPS, it's ludicrous to not require licensed surveyors to stay current in some manner. No guarantee that PDH's would be used by existing LS's to stay current with technology, but it's a start.	1/10/2024 9:59 AM
1375	I believe the Board should focus on its core functions: administering licensing programs and taking enforcement action to protect the public from incompetent practice. Without evidence of a serious problem that would be addressed by a mandatory continuing education program, the additional burden on licensees would not be justified. Consider, too, that in more specialized practice areas, there may be very few opportunities for relevant, formal continuing education. Any requirements for continuing education should be allowed to be met by self-study, internal company training, and other options that do not assume the existence of markets for accredited training in all areas of engineering practice.	1/10/2024 9:59 AM
1376	Many other states require this. This is an appropriate measure similar to the requirements of other professions to keep registrants up to date in their field.	1/10/2024 9:58 AM
1377	In general I support this initiative, however these requirements can become onerous for those licensed in multiple states, if the continuing education credits can't be shared between states. I'd like to see CA-specific courses be a small part of the CE requirement, but not the entirety (e.g. courses/credits earned could be applied to CA as well as other states in which engineers are licensed)	1/10/2024 9:57 AM
1378	Like entropy, professional engineering specialties keep branching and expanding at a rapid rate and evolving into sub-specialties. But unlike electrician's licensing where the focus is on changes to the National Electrical Code, conditions have broad diversity, rather than a single vectored direction. Thus continuing education credits would be difficult to evaluate and track in a meaningful way, except with costly expert employees. This is the wrong direction.	1/10/2024 9:57 AM
1379	Implementation may cause significant PEs to retire. It may be a hassle to deal with more requirements just to keep the licenses. There is an already a check and balance in place with oversights for PEs to do a professional jobs.	1/10/2024 9:57 AM
1380	It would appear to be a good idea. It's likely required with other professional groups, and it's required for my Nevada License.	1/10/2024 9:56 AM
1381	I think that is a great idea. Since it will keep the licensee current on the latest technologies and procedures. Therefore improving public safety.	1/10/2024 9:56 AM
1382	The benefits do not outweigh the administration costs of implementing and maintaining a PDH program for the government nor for the professional. From my experience most State PDH programs are so loosely formulated and managed that the PDHs acquired are scarcely related to the enhancement of the technical ability of the professional. Hence little value, if any, to the health and safety of the public.	1/10/2024 9:56 AM
1383	It would help engineers go thru the changes on codes and changes in the industry due to advancement of technology.	1/10/2024 9:55 AM
1384	safety and individual engagement in skill development	1/10/2024 9:55 AM
1385	I think it's difficult for a stay home mom or dad to fulfill this regulation on top of taking care young kids at home. It's up to the PE to decide if they would take responsibility at more convenient time. It's not the board to decide.	1/10/2024 9:55 AM
1386	Most PDHs do not meet REAL needs which tend to be very local and often, in modern technocracy, extremely unique. Engineering is the easy part; navigating the technocracy is the challenge - and there are no PDHs/CEUs for that.	1/10/2024 9:54 AM
1387	I don't feel board should implement mandatory continuing education. The PE working in their field are continuously getting educated via hands on experience. Few hours of mandatory continuing education will not add much knowledge to the licensed PE as the engineering field is vast and few hours are not enough to make any difference in learning.	1/10/2024 9:54 AM
1388	Its a money grab by companies who offer these "services". Is the board going regulate these companies to insure we aren't getting ripped off with bad continuing education similar to driving school when you get a speeding ticket.	1/10/2024 9:54 AM
1389	Absolutely must. Without learning how can we expect the profession to improve? Stagnancy is	1/10/2024 9:54 AM



the last thing you want. Most professionals need to be reminded to do this because it is easy to get caught up with life and other obligations. Now we don't micro manage learning also. Professionals know what they should be learning.

1390	Absolutely.	1/10/2024 9:53 AM
1391	The Board should implement.	1/10/2024 9:53 AM
1392	Other than ethics, the continuing training needs are not the same. Civil engineers work in a wide range of fields. The PDH for a structural engineer would be different than the PDH needed for a traffic engineer.	1/10/2024 9:53 AM
1393	The broad range of expertise of the registered professionals will require an extensive and exhaustive review of possible coursework that may be eligible to satisfy the requirements. I don't believe the board is prepared for the time and cost to implement a program.	1/10/2024 9:53 AM
1394	I have long believed continuing education is important to our profession.	1/10/2024 9:52 AM
1395	I'm licensed in multiple states. All of their continuing education requirements are poorly set up, and provide no real "educational " benefit. It's merely a mechanism to extract more money for the state and the continuing educational providers.	1/10/2024 9:52 AM
1396	I believe that it's a disservice to the public that people who are licensed on the premise of "public safety" are not required to stay up to date with the latest in technology/methods/means.	1/10/2024 9:51 AM
1397	I think it is a fine idea to have some continuing education course options. I would prefer they not be a huge time commitment, but I support continuing to learn and refresh our knowledge. I appreciate the opportunity to participate in a survey. Thank you.	1/10/2024 9:51 AM
1398	The Board should not consider implementing mandatory continuing education as it is an unnecessary burden for the board and licensee.	1/10/2024 9:51 AM
1399	I believe the education is readily available and necessary to keep our professionals up to date with industry advancements and past learnings.	1/10/2024 9:50 AM
1400	Continued education should be considered but it should be focused on important developments associated with the discipline. Too often the education credits are not properly focused.	1/10/2024 9:50 AM
1401	This is something most states require. Some certifications: AICP is 16 hours annual for planners, attorneys are 25 hours/3 years, CPA 24 hours, appraiser 14 hours, PTOE 15 hours/year. I think something like 24-30 hours every renewal cycle, with a maximum of 1/2 the hours in self-study or asynchronous courses, would be appropriate.	1/10/2024 9:50 AM
1402	I do not feel it is necessary the Board implement mandatory continuing education requirements.	1/10/2024 9:49 AM
1403	Question 4 asks how many PDHs per year, though I think the phrasing and requirement should be tied to the biennial renewal cycle to keep things simple.	1/10/2024 9:49 AM
1404	It's a good idea but not to support the pdh industry. Keep the specifications loose so that a wide range of courses and self study programs are applicable for credit. Self study could require some additional descriptive documentation from the applicant (course outline, etc). If pdh costs for the licensee are high or if the requirements for certification are too strict then I wouldn't support that	1/10/2024 9:49 AM
1405	Even though it is more work and cost for licensees, I support implementing continuing education requirements. 1. It is important for someone licensed to stay active in the current practice, code updates, and ethics. 2. It could help to tighten the list of licensees and allow for those not practicing to retire their licenses. How this is implemented is very important, and it is important to recognize that many licensees (my experience is with PEs) already fulfill PDHs in their spare time. There are many different types of continuing education, including participation in engineering societies, attending webinars, writing papers, and presenting topics. Many PEs already participate in these activities voluntarily. In order to ease the transition, I suggest having a lot of flexibility in which activities fulfill the continuing education requirements. Allowing this flexibility will help people who are already fulfilling the intent of the requirements to continue on the same path, rather than pile onto their already demanding non-work activities. For example, I am concerned that people who are extremely active in professional societies who are contributing to the larger profession may allocate less time to those activities if their	1/10/2024 9:49 AM

time is diverted to specific other types continuing education. This flexibility would also be appreciated by those who are licensed in multiple states.

1406	The Board should consider implementing mandatory continuing education, because not all licensed professionals educate themselves on advancements in their areas of professional practice. In doing so, public safety would be further assured. As it is, other professionals have a continuing education requirement, and there's no reason why geologists should be excluded.	1/10/2024 9:48 AM
1407	Mandatory PDH means lack of that is equal to disqualification which is absolutely unacceptable. professionals are responsible themselves for being knowledgeable in what they undertake. Mandatory PDH is against this and disrespecting the licensed members.	1/10/2024 9:48 AM
1408	I already have mandatory PDHs in Florida (18 hours every 2 years) and Puerto Rico (75 hours every 5 years). After many years of taking these so call CEs I am convinced they serve no purpose but to enrich a few who have found a new way of making money by offering these courses. Anyone actively engaged in engineering draws more knowledge from their daily practice than what any of these PDH courses provide. Usually, these courses are one hour long. They are too limited to be of any real value. And finally, the way to verify the successful completion varies from simply being present to taking some simple open book quizzes that prove nothing. I vehemently opposed to any new PDH requirements. I'm not opposed to learning, it's a life-long endeavor for any professional. However, I believe the market and your clients will take care of those who don't stay current and up to date with new technologies and science, not PDHs.	1/10/2024 9:48 AM
1409	I am not completely opposed to this, however I am very curious as to why this being proposed? Have there been serious issues with currently licensed professionals that would warrant this or as with most things these days is this just another reason to charge more money for something? Also, more information as to how this program could be implemented would be helpful. Would it be in person, virtual presentation or other means? I definitely need more information, before I would place my support behind this proposal. Thank you for the opportunity to provide my input and questions.	1/10/2024 9:47 AM
1410	Is this is about increasing your revenue, then stop now. If this is to enhance ethics understanding of licensed professionals, then I'm all for it.	1/10/2024 9:46 AM
1411	I'm also licensed in Nevada, where PDHs have been required for years. When these requirements were implemented, we were told "If you're doing the minimum necessary for the profession and your professional development, you won't have any trouble achieving these minimums." I have found that true every year and typically have about twice as many PDHs as required.	1/10/2024 9:46 AM
1412	I believe an engineer should be required to continue learning throughout their career. As a licensed engineer in Oregon, where PDH's are required, I can say it is a large burden to maintain PDH records, and I assume totally impossible for the Board to review the legitimacy of the PDH course work submitted (The OR Board claims to audit randomly). I truly believe this should not be implemented if it becomes a box ticking exercise. If the CA BPELSG develops coursework outlining important updates/changes to the current methods of performing analyses or code changes and required engineers to review this information and pass a test prior to renewal I think that would be extremely valuable. In Oregon, it has become paperwork exercise. It does have some value for those who are interested in learning and seek out opportunities to earn the credit they are interested in, but for those who aren't interested in continued education it is too easily subverted.	1/10/2024 9:46 AM
1413	In my opinion implementing mandatory continuing education is creating a time consuming, costly, administrative system on both the Board and the licensee. It only benefits third-party providers, that charge money for courses, and there is no guarantee that the level of a PDH course/session contributes effectively to the professional development of the engineer or land surveyor. My opinion is based on having attended PDH luncheons, conferences, and doing online coursework out of personal interest in my professional development, even though I did not need mandatory PDHs for license renewal.	1/10/2024 9:46 AM
1414	As someone who reviews survey maps on a regular basis, as well as reviews complaint cases against land surveyors for BPELSG, I whole-heartedly support continuing education, and the requirement to do it. If we want to consider ourselves as professionals, we need to have requirements in place that call to that and continuing education should be one of those requirements (as is required of attorneys and doctors). I did speak with a Nevada licensee (Nevada has a 30 hr per 2 year CE requirement), and they did mention that it is tough to get 30	1/10/2024 9:46 AM

	hours over a 2 year period, so I think 11-15 hours of required CE per year is reasonable. I also feel that there needs to be some sort of effort on the part of BPELSG to provide a list as to what counts as CE (one day seminar, CLSA conference, evening class, etc), but I do not feel there should be a requirement that BPELSG provide the education themselves. I know that trying to implement a CE requirement will be an uphill battle, but we as surveyors need to get over that hill of resistance and get past the days of surveyors not cracking a book open or attending a seminar since receiving their license some two or three decades ago. I'm in, 100%.	
1415	I am licenced in multiple states and PDH's are commonly required by other entities. I believe this is a positive change and good for our industry. I can say that my company is now more supportive of providing training for its employees now that PDH's are mandatory for maintaining my PE.	1/10/2024 9:44 AM
1416	I think that we should have PDH hour requirements. I like that some states require that some of these hours are required for ethics as well as laws. It would be great if the board could provide a class that would review ethics and laws on an annual basis as part of any PDH hour requirement.	1/10/2024 9:44 AM
1417	All practicing engineers already develop new skills due to their workload. Additional classes would be a burden.	1/10/2024 9:44 AM
1418	PDH is bureaucracy of no value	1/10/2024 9:44 AM
1419	Do so without raising fees, you illegal immigrant sapsuckers. Board never should have been a part of Department of Consumer Affairs.	1/10/2024 9:44 AM
1420	If and only if the courses are of high quality and the purpose is to improve the knowledge , not selling products or services. Courses for Review of fundamentals is very important because many engineers only do their own narrow field and forget about the basics. This program should not be turned into a hassle and formality.	1/10/2024 9:44 AM
1421	I believe it is necessary to ensure that engineers are maintaining an importance on learning and developing competencies.	1/10/2024 9:43 AM
1422	Highly Highly support this concept. I understand that this will likely create some "PDH Farm" type places that give a lunch and learn about some new pipeline system and there's an hour. But I think it is worth the tradeoff, as PLS's need to understand the useful new tech always coming out.	1/10/2024 9:43 AM
1423	I think some minimum level of hours per year (5 to 10 hours) is ok as long as it does not cause undue constraints	1/10/2024 9:43 AM
1424	The fact that California has the number of licensed engineers that it does and still does not have continuing education requirements is an embarrassment to the engineering profession. I 100% support continuing education requirements as it will elevate our profession and uphold our commitment to protecting public safety.	1/10/2024 9:43 AM
1425	It is up to the licensee.	1/10/2024 9:43 AM
1426	Pdh requirements have become so commercialized, i believe mandatory seminar requirement is only pushing people to join unnecessary seminars and webinars with paying for them and block their time where they actually perform engineering and learn through experience.	1/10/2024 9:43 AM
1427	I am licensed in several states, most of whom either require no PDHs or 30 hours per 2 years renewal. I think PDHs provide engineers with valuable up to date information although it can be expensive and difficult to find new content every year.	1/10/2024 9:42 AM
1428	I think continuing education in any field is always a good idea.	1/10/2024 9:41 AM
1429	While I may not be keen on the notion of investing more money and time, I acknowledge the potential necessity and significant benefits for both myself and the community in having PEs engage in continuing education. I have wondered why there wasn't continuing education for PEs in CA prior to this survey.	1/10/2024 9:41 AM
1430	I think mandatory PDH's are a MUST. Too many LS's learn the laws in the 1970's/1980's, and don't keep up on current law, case law, technology, best practices, etc., to the detriment of our profession and to the detriment of the public in higher costs and longer timelines when current/competent PLS's need to retrace/work done by PLS's that don't keep current and practice with their out of date knowledge, practices, and procedures.	1/10/2024 9:41 AM

1431	I support quality PDH. A means of ensuring that PDH benefits the professional development of participants is needed. PDH is essential for land surveying as the technology is rapidly changing and some surveyors are relying solely on vendor training rather than obtaining more extensive knowledge of the principals involved with more advanced systems.	1/10/2024 9:41 AM
1432	I would like details on the type of courses that would be considered for continuing education. As a new mother, the risk to my license by adding more time commitments is extremely concerning and I don't think would improve the quality of engineers. I think we need to support engineers working with families by making licensure attainable without unnecessary time commitments outside of their regular work.	1/10/2024 9:40 AM
1433	If higher hours of PDH is required, consider involvement with local, state, and national survey related organizations to be accepted as "hours". Also include outreach efforts	1/10/2024 9:40 AM
1434	It is too difficult to track varying PDH requirements that vary and change by state. I dropped my Oklahoma PE license because they changed the PDH requirement and it made something specific to their state (not just an ethics element) that required separate training. I am heavily involved in writing code and safety standards, am learning every day, so to add/track separate education that I get certificates for each state is something I do not have time for. I understand that Continuing Ed can be important for less experienced PE's that are not already learning every day; however, I still encourage you to keep it as simple as possible in all aspects.	1/10/2024 9:40 AM
1435	I would not be in favor of PDH mandated and administered by the board. That being said I would be ok with PDHs offered by the board, but not mandated. There are many opportunities for PDHs in our respective fields and folks could acquire those. My biggest problem with PDH's are the exhaustive process that is often required to get those credits. I don't believe I should have to submit a summary of every talk I attended at a professional meeting in order to get credit, especially if I'm a presenter. If I paid to be there and attended that should be sufficient. So, I would urge the board to look into various requirements for CEU/PDH that are offered and make sure there is a reasonable standard for attaining those and go from there. Thanks for asking	1/10/2024 9:40 AM
1436	The California PE license is held in high regard, both in-state and around the country. It is, frankly, amazing that a PDHs requirement hasn't yet been implemented.	1/10/2024 9:40 AM
1437	This is a delicate balance but a good thing. I have a PMP, a LEED AP and a CFM. They all require continuing education, and this is nothing new to me. Its just a pain for me to get all that done because none of the firms I have worked at understand PDH needs in California. I am not licensed in other states that require PDH's, but I worked in other states that require PDH's as a young surveyor/engineer before I was licensed, and I just never went on to get my license in those states because I moved out of state. The practicing community figured it out when it came to PDH's in those states. Vendors started getting certified to give PDH credits to pitch new technology and it became both learning and sales at the same time. In a sense when you give all the vendors like Contech and Oldcastle the ability to give PDH credits PDH's use the free market to raise the standards in the community and push through new ideas and new discussions. When "lunch and learns" becomes mandatory from sales people, everyone benefits. And trust me, as a guy who has went into multiple small firms to see the different way things are done from the inside of the firms, some of these small firms really need some exposure to the outside world to see how things are done differently in different places. They really get stuck in their ways, even if their ways are incorrect or even illegal. Some firms could really use some outside voices once or twice a year to open their eyes that they aren't the center of the world and other ideas exist. Just don't get out of hand with the PDH requirement. It needs to be enough to keep people from faking the PDH hours, but not enough to be a burden on the community and get in the way of making a living. 15 to 30 hours every 2 years is a pretty good standard to me. There will be a lot of people that go "oh crap" right at the deadline to report PDH's. Just keep that in mind as you make your decision. A reminder email system is important for compliance. Also, the PDH requirement of what qualifies as a PDH should be very broad. I hate this PDH requirements that get super detailed about what and where the PDH should be done. Going from no PDH's to some PDH's period is enough of a step. Don't overdo it. Just getting some of these "set in their ways" people to look around and get with the world as it is today vs what it was 20 or 30 years ago when they originally learned how to survey, or engineer is enough in my opinion.	1/10/2024 9:40 AM
1438	Expensive to the profession. I may need to take time from work or family to go to conferences when I'm already in a tight spot with work.	1/10/2024 9:39 AM
1439	I think verified attendance at professional/technical conferences (like GRA) should count	1/10/2024 9:39 AM

toward continuing education hours.

1440	A professional engineer is ethically bound to practice only in areas of their competency. Staying up to date with education is part of maintaining this competency. Additional requirements of this nature incur unnecessary costs for the board and members. Many of the PDH courses offered commercially are only tangentially applicable and serve to check a box more than they do to actually provide beneficial content. Unless some standardization of Continuing Education course content were to occur, the benefits of this proposal are minimal.	1/10/2024 9:39 AM
1441	PDH does absolutely nothing to improve public safety. It is just another burden costing everyone (engineers, the board, etc.) more time and money to track and report. Engineers who are actively employed in engineering and working with other engineers throughout employment are already remaining current to a level well beyond anything a PDH could provide. A PDH in of itself is insufficient to keep an engineer relevant. What is the problem you're actually trying to solve and how will PDH actually move the needle?	1/10/2024 9:39 AM
1442	If you are charged with protecting the public using your technical knowledge as demonstrated by the education, examination, and experience you used to get your License, which shows the public a minimum level of competence, then you as a Licensee should 100% support further demonstration of that dedication by continuing to be involved in learning, professional organizations, teaching, researching, etc. There will be those who just go through the motions if this is a requirement and not truly benefit. But if it raises the level and skill of most licensees who will gain from the requirement, it will be worth it for the public, whom we are charged with protecting the health and safety of. It's a requirement for Doctors, CPAs, Architects, etc. Why do we exempt ourselves? We are not special. There are a large number of engineers who hold licenses in multiple states. All other states require CE, so it will not be a large lift for those folks. Government workers who oppose this direction are holding their licenses as pay increases rather than for the protection of the health and safety of the public. They can argue with their employer over compensation or access to CEU's. That is not the Board's concern to consider their contracts in this decision. It's similar to the reverse situation when a government employee gets jury duty; they are typically paid throughout, while a private industry employee is likely not compensated during that time. I realize it's not a direct correlation because you don't get jury duty every year, but the point remains that not all employment is equal, but we all have to accept and deal with different scenarios with employers we choose to work for. The choice to work for the government does not mean you get to stop learning with your license. The public deserves a level playing field when evaluating their trust in a license and their expectation of the minimum level of competency. As for retired folks who want to hang on to their license as active, that's an adult decision. If they want to keep it active, follow all the rules for that, if it includes CEU's, then it includes CEU's. You don't need it active if you don't want to use it, so if you want to use it, do the things to keep it active. If you don't want to use it and you don't want to do CEU's, then retire your license. Adult decisions, folks. Pretty simple. The public does not owe you any breaks just because you have done this for a long time.	1/10/2024 9:39 AM
1443	I do not agree with adding mandatory continuing education	1/10/2024 9:38 AM
1444	I believe if you attend a seminar for continuing education and learn one thing it was worthwhile. However the price of most CE seminars exceeds the gained knowledge. I have been to a number of CE seminars that are basically story telling. I think the private industry financial economics are more important to the bottom line than teaching quality material.	1/10/2024 9:38 AM
1445	I am opposed for two reasons, cost. Licensure and renewal is already an expensive process having to find and pay for PDHs is an unnecessary cost and hassle. And (2), the idea of proving a learning session or course qualifies as a PDH does not seem like something that can be implemented fairly across all licensees in subject areas that are relevant. Unless the PDHs are provided free of cost in a wide variety of subject matter by the board, this seems like a bad idea.	1/10/2024 9:38 AM
1446	Looks like you're grasping for more money.	1/10/2024 9:37 AM
1447	Many of us work in specialized areas, most PDHs would not be relevant to my work. If I need additional education, I just go get it.	1/10/2024 9:37 AM
1448	I don't mind adding the requirement because I already need PDH's for my MN license, as long as the documentation requirements are not too onerous.	1/10/2024 9:37 AM
1449	The issue with continuing education is any competent professional will further their training	1/10/2024 9:37 AM



based on what they need. As a CHG specializing in groundwater-surface water interactions and watershed management- I do not think the Board is the correct entity to do this.

1450	The requirements just need to be clear, and there should be a phase in period where we are expected to obtain the PDHs but there is no enforcement so that the Board and licensees can work the wrinkles out.	1/10/2024 9:36 AM
1451	Physics does not change. I see PDHs as a way for engineers to innovate their skills and adjust to changing technologies. Innovation, while important for businesses to survive and thrive, is not needed for the understanding and application of physics and engineering principles.	1/10/2024 9:36 AM
1452	PDHs keeps practicing PE skills up to date with both old and new technologies. Definitely recommend to aid the US in leading the world in design and technology.	1/10/2024 9:36 AM
1453	I don't believe mandatory continuing education classes to be necessary for PE licenses. This is done in the architectural field and does not seem to provide the value it is intended to provide.	1/10/2024 9:36 AM
1454	I have many thoughts. My Nevada license requires PDH; my water treatment & distribution certs requires PDH; my wife's AICP professional planning cert requires PDH. For California to renew licenses without requiring continuing education seems quite out of step with the Board's goal of protecting the public from unqualified practice. Soon after I was licensed an older engineer came into my office, head down, telling me he had design a wastewater system and after four rounds of plan check comments the County threatened to turn him in for incompetence. His design was awful, and I had to bail him out with a completely new design. Had PDHs been required every time he had to renew his license, things like this might be better avoided. I could tell other stories of other, older licensees that found themselves in similar trouble because they hadn't been required to keep up with current practice and codes. Now, about cost ... with my water treatment & distribution certs, PDH hours can be logged by participating in no-cost webinars sponsored by RCAC (I'm doing one later this morning). I still have to put in the time, but there is no cost burden. By comparison, many of my wife's AICP certification PDH requirements are expensive - she has to pay for webinars and some of them are expensive, and on occasion she has seriously considered letting her certification lapse because of the cost (she works part time as a planning consultant). My point is this: the success of new continuing education program for PEs will be much greater if a low or no-cost program of webinars, classes, etc. is developed in parallel. Also - most of the PEs I know and work with are working 50+ hours a week and don't have time to take three days off to attend a conference to log their PDHs. I can squeeze in a 2-hour webinar once a month, and sometimes even that's a stretch. But I can do it at my desk and it only costs me 2 hours - not a lot of time off for travel, etc. Long and short is ... I'm a big supporter of continuing education and I've often remarked at how odd it is that California doesn't require it. Every time I do my CE I whine about the time it takes, but every time I also either learn something new or are reminded of something I'd forgotten. So implement such a program please, but make it affordable and convenient - set us up to succeed, not to fail like my wife's AICP CE program. Thanks for moving this ball forward. It's in the best interests of the public.	1/10/2024 9:36 AM
1455	As someone who has PE in multiple states, the mandatory continuing education is quite a financial burden and drain on time outside of the normal work hours. It's already hard enough to maintain a work life balance. It also ends up being a way companies and orgs try to make money and people attend not for actual learning but to just get the PDHs necessary. It costs the board money to administer it and check all of the submissions of records, so I would be paying to take these classes and paying for the board to review it. Please don't enact it.	1/10/2024 9:35 AM
1456	we don't need additional rules to follow or hoops to jump thru	1/10/2024 9:34 AM
1457	yes	1/10/2024 9:33 AM
1458	As engineers under the statutes of the professional engineering license, we are required to stay up to date. Requiring this will not change anything. For live	1/10/2024 9:33 AM
1459	I feel that I primarily learn and hone my technical skills as an engineer via on-the-job training that is not necessarily laid out in formal course work type settings. I feel that implementing a mandatory continuing education requirement would not add value to my ability to perform as an engineer nor would it significantly contribute to my ability to do perform my typical engineering tasks.	1/10/2024 9:33 AM
1460	Required CE serves no valid purpose the CE providers are Big Business, they sell and provide	1/10/2024 9:33 AM

"stuff". we all study on our own, or not. taking an online course or sitting in a physical setting is the same... No Proven Valid Purpose

1461	As a licensed engineer in multiple states and a person who deals with this requirement in other states, I think this is a totally useless requirement specifically when it is more than 10 hours per year, involves in ethic and sexual harassment courses (these should be onetime and forever courses), and related to the area of practice. For example, when a structural engineer is working on offshore jacket design, how can he/she pass 15 hours courses related to this topic only each year? On the other hand, lawyers are signing their work and using their license everyday. Do they pass PDH courses every year? Of course NOT.	1/10/2024 9:33 AM
1462	All practicing Engineer's are constantly learning on the job each and everyday. Keeping up on changes with the industry, governing codes, and technology is cumbersome. The proposal to add more requirements for something we already do is not beneficial and seems unnecessary.	1/10/2024 9:33 AM
1463	My answer for not supporting PDHs is based on requiring training every two years. Recommend every ten years. The continuing education should be required every ten years and not every two years. Every two years is insane. The courses should not be from commercial vendors like the real estate continuing education. The courses should be developed professionally by the California Board for Professional Engineers, Land Surveyors, and Geologists or with cooperation with other State Boards and those organizations which assist in developing the current exams. The manhours for continuing education of 20 hours were based upon courses every two years. Over ten years the number of hours would be 200 hours. The additional paperwork to require doing the courses every two years is inefficient. Having required reading material every two years is acceptable, but not material that is tested.	1/10/2024 9:33 AM
1464	Licensed individuals working in a field that utilizes their license (i.e. a full-time position requiring a license) should have less PDHs than licensed individuals not utilizing their license as much (i.e. a retired or part-time consultant).	1/10/2024 9:33 AM
1465	Please stop adding burden to professionals ALREADY qualified to do their work.	1/10/2024 9:32 AM
1466	Most states have some sort of contining education requirement and California should be no different.	1/10/2024 9:32 AM
1467	I think it's dangerous and irresponsible to not require PDHs. I have encountered a number of near-retirement PGs/PEs/EGs using outdated information to make project decisions and it overall lessens the value of licensing if these people are licensed and practicing.	1/10/2024 9:32 AM
1468	If we are actively working in the field then I don't see why we should need PDH's. If you are not working in the engineering field and want to continue to renew your license then you should need PDH's. PDH's are an unnecessary waste of time and expenses for professionals who are already overworked.	1/10/2024 9:32 AM
1469	Engineering and technology should change and advance with time to find more efficient and sustainable methods of providing infrastructure. I do however, think there should be flexibility with this requirement and the courses should be up to the license holder.	1/10/2024 9:32 AM
1470	I think the continuing education requirements are quite frankly a joke. I have rarely learned something new from the PDH courses available online. I have gained insights from in person conferences, but requiring those will be an expensive cost-burden to put on licensees. I applauded CA board in the past for not requiring the continuing education requirements.	1/10/2024 9:32 AM
1471	Engineers and Land Surveyors are already required to stay up to date as part of professional practice. This adds an additional burden in administrative time for both the licensee and board with no positive impact on the public, since those costs would be passed on, increasing costs for everyone. Even as someone who is licensed in another state that does require continuing education, it is just another layer of documentation that doesn't serve the public. I'm strongly against California implementing required continuing education.	1/10/2024 9:32 AM
1472	If professional development hours are implemented, they should be broad enough to also meet the requirements of other states requiring PDH. Professional engineers with licensure in multiple states should not have to complete programs managed by only the California board to meet PDH training. If implemented, this should not be a California-specific development program and should be tracked through NCEES like it is done in Texas and New Mexico.	1/10/2024 9:32 AM
1473	I view this as a cottage industry for college professors and others to offer courses at the expense of the practicing engineer. That said, I am licensed in 14 states, and would ask that if	1/10/2024 9:32 AM

	you do this, you make this an honor system with a minor level of audit. I spend an inordinate amount of time on the few states that require entering all the data into their systems. I recommend just having the renewal-ee sign that they have met the requirement.	
1474	Currently, a significant portion of the job is research and self-guided learning to keep abreast of policy and rule changes, as well as regular literature review. PDHs required for other things that I do are generally too general or of a low standard to be of any use. It's just another administrative task with no real benefit. If you need PDHs to be effective, get out of the game.	1/10/2024 9:32 AM
1475	As an engineer I always seek continuing education to improve and develop my skills and knowledge. I don't think there would be any benefit in requiring PDHs.	1/10/2024 9:31 AM
1476	CA State Board is currently behind the 8-ball, by not requiring any continuing education, which should also include at least 1 class on topic of Ethics. Time to modernize California State Board requirements, in alignment with more progressive State Boards.	1/10/2024 9:31 AM
1477	The work we do reflects our competence. CE is just an enrichment program for the providers .	1/10/2024 9:31 AM
1478	With respect to periodic change to regulations governing geology-related safety and environmental protection, and evolving methods of analysis for geologic risk, the contemplated PDH requirement appears appropriate.	1/10/2024 9:31 AM
1479	I support continuing education, but I also think there needs to be an option for gaining credit if you are actively engaged in engineering work with your employer or if you are self-employed. As working engineers, we are always learning and continuing education is an integral part of our field. For example, up to 50% of your total biennial continuing education hours can be obtained by being employed at an engineering company and being actively engaged in engineering work on a day-to-day basis.	1/10/2024 9:31 AM
1480	We are professionals and it is the responsibility of each engineer to possess and maintain the skills and knowledge to practice competently. Continuing education is important to our profession, but making it mandatory doesn't ensure any level of competence or aptitude and does not necessarily translate into an improvement in practice. Only regular and thorough testing will demonstrate a basic level of competence and I doubt any professional board will ever go that route, nor do they need to. Engineers are professionals with advanced degrees and shouldn't be tended to as entry level workers with no mind for responsibility. In addition, mandatory continuing education doesn't ensure anything other than someone spent some time and money. Let's treat engineers like the professionals they are – boards should keep promoting and encouraging continuing education as a necessary to the practice and we'll continue to embrace it.	1/10/2024 9:31 AM
1481	Although I do believe there are a number of practicing surveyors and engineers who are too lax for their business practice, It is my opinion that most are fit to be licensed. It's the attention to detail and poor professional conduct that create a majority of the issues I see. Education will likely not fix this problem (unless the proposed education specifically addresses this problem by reminding professionals of their professional code of ethics). This may speak to the reluctance of many professionals to report these types of individuals and their poor work products to the Board. And that reluctance is likely driven by what appears to be a lack of desire by the board to properly research the few complaints received. It has been my experience that the attitude of the Board representatives is not proactive and/or willing to process complaints, let alone discuss and help educate by answering legitimate questions posed to them by e-mail and phone call.	1/10/2024 9:31 AM
1482	I don't think this is necessary. If implemented, there is such a wide range of options out there to get PDHs, who's to say what would be the actual benefit.	1/10/2024 9:30 AM
1483	Any reasonably responsible licensed engineer should already continue to pursue further education to keep up with the current standards. However, having an added level of bureaucracy is not the way to achieve this. Those who lead the industry will always strive to be innovative. Mandatory continuing education would just force those to attend CEU whether relevant or not to the work they do.	1/10/2024 9:30 AM
1484	I served on the Oregon geologist board (OSBGE) as we developed legislation for a Continuing Education requirement for license renewal. We settled on 8 hours of CE annually with wide discretion of the registrant to choose what would interest/benefit them in their practice. the OSBGE has no expectation that qualifying CE would require seminars or weekend classes. There is ample relevant CE material available in attending and delivering professional society lectures at meetings, technical document reading, online courses on professional ethics for	1/10/2024 9:30 AM

geologists, and specialized information. The downside of Oregon's CE requirement is a marked decline in RG/CEG renewals in years following implementation.

1485	I believe it is a good idea in theory. I am licensed in several other states and California is the only one that does not require continuing education (CE). While I am assuming other boards bake a cost of CE administrative fees into their license renewal, increasing renewal fees on top of CE course fees feels like extra taxes to the licensee - this I do not care for.	1/10/2024 9:30 AM
1486	PDHs are organically derived through active practice so mandatory requirements would serve little purpose.	1/10/2024 9:29 AM
1487	I support the idea but the cost of the courses might effect negatively on people that are using the license as an endorsement only and not actually using the license for approving and engineering work.	1/10/2024 9:29 AM
1488	Do not see a need for continuing education requirements. Practicing professionals get all the experience they need.	1/10/2024 9:29 AM
1489	I would not suggest it. Those that do it right are already doing it. Those that don't will find something useless that 'counts'. Better path would be to review actual designs, calcs, or reports somehow to demonstrate ongoing competence or have some sort of check in testing to make sure folks maintain.	1/10/2024 9:28 AM
1490	Civil Engineering doesn't change very rapidly by any means.	1/10/2024 9:28 AM
1491	Continuing education is good for the practice of engineering because it will keep engineers up on the latest codes and trends within their area of practice.	1/10/2024 9:28 AM
1492	I've been an engineer for about 30 yrs. Although my PE license is new, I've been around PDHs for quite some time since I attend various technical conferences, seminars, and pretty much have been a student of engineering all of my professional life. The entire PDH system is worthless because engineers get PDHs for attending technical presentations and symposia....for sitting around and "watching" a presentation. This is dumb. Engineers become specialists in their field and "typically" improve organically as technology in their field and "specific" area of work advance. Requiring "ethics" hours is a worthless as well. Ethics courses for the PDH requirement simply says you've attended an ethics course. You can't police an engineer's ethics. Bad ethics always catch up to the perpetrator. The whole PDH requirement should be dissolved in all states of the US. PDHs look like one method to suspend an engineer's license. PDHs don't improve an engineer's understanding in any particular area unless they take a "real" course on any given topic.	1/10/2024 9:28 AM
1493	I'm nearing the end of my 45 year career so this will not have a huge impact on me personally. While much has stayed the same, there have also been many changes. I have always been a member of several of the engineering societies (ASME, ANS, IEEE, ISA, ASHRE, NFPA), read their magazines, taken some courses, and worked at staying current. Unfortunately, my perception is that a significant percentage of PEs are not members of an engineering society. So at a minimum, even if PDHs are not required, I do think there should be a requirement that a PE be a member of at least one engineering society.	1/10/2024 9:28 AM
1494	No!	1/10/2024 9:27 AM
1495	Absolutely should be required.	1/10/2024 9:27 AM
1496	our continuing education is our on the job training not learning something that we don't practice at our place of employment	1/10/2024 9:27 AM
1497	Be clear, concise, and judicious on how you implement the CE requirements. Be clear on what you will accept for CE.	1/10/2024 9:27 AM
1498	I'm in favor of this, but do not want to pay more in fees to support administration of this requirement. If possible, I would like to see this done within current budgets for revenue and have it be enforced as an audit on a small percentage of license holders each year.	1/10/2024 9:27 AM
1499	I am multi state licensed so I am required anyway, but I think it is a good idea and there are tons of free options and other options. Life is continued learning. You don't just get a degree and that's it. Also it's great because you as the engineer chose what pdh you want to take so similar to a mini Masters degree program John L Maier, P.E., G.E.	1/10/2024 9:27 AM
1500	My day-to-day job is itself a form of continuing education. We are innovative and pushing for	1/10/2024 9:27 AM

	better designs, also reflected in California's code updates and requirements every three years.	
1501	Yes. It's more than just CE for the sake of a requirement. Updated technical education and training is critical for science and engineering professions. Plus, theres some organizations that try to sell services, equipment, etc as CE which does our industry a dis-service. I trust you will sort out the meaningful technical education from the bait and sell enviropeeps.	1/10/2024 9:27 AM
1502	I, of course, support continuing education for all licensees. I do not believe that making continuing education mandatory improves the quality of our profession's standard of practice. At best, mandatory continuing education is a checkbox which introduces bureaucratic red tape and enriches course providers at the expense of practitioners . At worst, it encourages licensees to seek out education credits which are "approved" rather than other continuing education opportunities which are more relevant or appropriate to their particular circumstances and practice.	1/10/2024 9:27 AM
1503	The people that are concerned about continuing education are harmed by the PDH requirements--the cost of education has gone up due to increased demand and requirements. The people who are not concerned with continuing education will go through the steps to get the PDH credits, but will not put in the effort to actually learn and improve themselves. This is a surface level attempt to increase the proficiency of engineers, but it actually just increases the cost for those who want to be more proficient.	1/10/2024 9:27 AM
1504	I have been required to accomplish PDHs for license renewal in other states for over 20 years. I find the quality of the classes vary from quite good to time wasting exercise that meet the state requirements. My experience is that I do continuing education throughout the year, not because I am required to do it, but I realize that I am weak in a specific area or want to expand my knowledge. I have always paid for my own continuing education with no reimbursement from the company. My personal opinion is that State's start to require continuing education as a means to generate additional income.	1/10/2024 9:27 AM
1505	I would only be supportive if it were a minimal number of hours.	1/10/2024 9:26 AM
1506	.	1/10/2024 9:26 AM
1507	Given the majority of surveyors don't file a Record of Survey when required, I think it is important. I also note that very few surveyors collect enough evidence to properly opine on a boundary location.	1/10/2024 9:26 AM
1508	I support this initiative however I do not support an increase in licensure costs (new or renewals). Maybe providers should pay a fee to the board (this could however raise the cost of the continuing education classes). Again, I do not support any increase to the licensed professional. The cost of doing business and living in California is out of control.	1/10/2024 9:26 AM
1509	If PDHs are implemented, the licensee should be able to obtain them through webinars.	1/10/2024 9:26 AM
1510	The Board needs to evaluate what courses are available and would count as PDH and if the Board will provide/administer any PDH courses themselves	1/10/2024 9:26 AM
1511	If continuing education becomes a requirement, make the PDHs earned compatible with other state licensing boards.	1/10/2024 9:26 AM
1512	Provide a wide range of topics that the surveyor can choose from. Surveying, business practices, ethics, personal growth, etc.	1/10/2024 9:26 AM
1513	Love the idea!	1/10/2024 9:25 AM
1514	If PDHs are added, I do NOT want any fee cost increase for it.	1/10/2024 9:25 AM
1515	For it. There are a lot of PLS's I've encountered that are working, in my opinion, outside the realm of their expertise (if they have one!). Also, with the nature of our profession, being so reliant on advancing technologies, I believe it is necessary to keep up with evolving standards of practice.	1/10/2024 9:25 AM
1516	Texas requires that 1 hour out of the 15 hours of required PHD is an ethics course (which they provide annually as well). This could be a requirement for CA as well to ensure ethics is not ignored as this is an important part of being a PE.	1/10/2024 9:25 AM
1517	There are too many licensed professionals that have forgotten or have never learned modern surveying techniques, statutes, and ethics.	1/10/2024 9:25 AM



1518	California is the only state I am licensed in that does not require PDH documentation, so I would assume that most licensed professionals are already doing this.	1/10/2024 9:25 AM
1519	The scope of continuing education should be broad and encourages/allows exploration of topics beyond the implied scope of the specific disciplines to foster interdisciplinary mindset of practicing professionals.	1/10/2024 9:25 AM
1520	California's requirements to obtain licenses are already beyond what the rest of the nation does. With the higher bar for entry, PDH hours are not necessary. Additionally, quality knowledge growth comes from experience on the job, not from sitting in a classroom.	1/10/2024 9:25 AM
1521	I am pro mandatory continuing education, many other licensed professions have this requirement. But I am worried that given the wide breadth of knowledge between Engineering, Geology, and surveying, that it may be a large administrative task to continually vet acceptable trainings that meet the continuing education requirements.	1/10/2024 9:25 AM
1522	I am already required to have them for two other States where I am licensed. HOWEVER, the type of work I am engaged in presently and for the foreseeable future is as a consulting engineering mostly as an Expert Witness. Depending on the cases I could be required to perform much more "self study" on topics than any state requires for PDH hours. I also teach industry classes from time to time. Each 40 hour class should and does count for PDH hours as well as a fairly high ratio of prep hours to lecture hours. I think the PDH requirement for some specific number of hours should be evaluated for the specific discipline of the engineer. Given work loads, you might want it to be on a 24 month cycle rather than 12 months and also give extensive credit for self study on "documented work".	1/10/2024 9:25 AM
1523	I also have a electrical inspector's license with IAEI and they require extensive hours of CEs. I would hope that the courses that are acceptable would be either limited to the license type (electrical, mechanical, civil, etc.) or allow for multidisciplinary (civil taking electrical or electrical taking geotechnical). On one hand, keeping with your discipline helps with learning new concepts or reaffirms knowledge. On the other, widening one's understand of other professions can help with multidiscipline design where working together is critical. I would be more concerned with the acceptable courses. For example, taking a business course for CEs can be argued both ways in whether or not it is continuing education for engineers.	1/10/2024 9:25 AM
1524	It sounds good on paper, but in reality forces engineers to spend even more time outside of their jobs doing work, not only is it unpaid, you have to pay a course provider. Undue financial stress when engineers already take a lot of steps to get licensure. If wanting to ensure education continues, perhaps instead look at a qualified employment as a substitute for professional hours. If an engineer is working at a firm they are likely learning on the job and through firm events, which would not likely count for these PDHs as other states programs have.	1/10/2024 9:25 AM
1525	I support the move as I think it adds credibility to the license and an incentive to continue learning. Please avoid unnecessary bureaucracy and paperwork, instead rely on professional integrity when reporting and conduct occasional audits to keep people accountable. PDU should be broad (site tours, lunch and learns, graduate level coursework, seminars, etc) and accommodate for the fact that everyone learns differently. Restricting to classroom learning and excluding hands on learning discriminates against individuals with different learning styles. Ensure that requirements respect and accommodate those with visible and invisible disabilities, and allow individuals the opportunity to catch up on their PDU the following year if a disability or personal emergencies prevented them from getting the required hours. Most importantly, this requirement should focus on improving the practice of engineering, not needless paperwork.	1/10/2024 9:25 AM
1526	California already has one the strictest requirements to become a PE in this country.	1/10/2024 9:24 AM
1527	Professional engineers should be keeping up with their industry as they continue to work in the field. Continuing education should only be required for additional skills or advancement in their field.	1/10/2024 9:24 AM
1528	No comments	1/10/2024 9:24 AM
1529	Every year I attend the Clemson University Hydrogeology Symposium that offers 16 credit hours (8 for talks, 8 for field trip) a year towards the South Carolina PG license (which has until recently required 32 hours biennium - now 24 hours biennium). I believe attending courses like this Symposium keeps geologists up to date with current research, progress, and methods.	1/10/2024 9:24 AM

1530	I am continually taking classes to keep my knowledge level up, however, I think it would be better if the board were to provide a webinar or other information as to changes in California engineering license laws.	1/10/2024 9:24 AM
1531	There are a great number of license holders who believe their education stopped when they obtained licensure. Oftentimes, these individuals have little knowledge of current laws and practice, and, consequently, are less than minimally competent.	1/10/2024 9:24 AM
1532	PDH requirements are unnecessary. Standards, Codes, Requirements etc. change on a regular basis. As Professional Engineers it is necessary as part of our daily duties to keep up-to-date on these items. Additional regulatory requirements is a waste of time and money for both the Board and for the Engineer.	1/10/2024 9:24 AM
1533	Remove Civil Surveying Exam requirement for Civil PE licensing	1/10/2024 9:23 AM
1534	PDH are becoming the norm in many other states including one that I'm currently licensed in so I'm used to it by now.	1/10/2024 9:23 AM
1535	I think ethics requirements cover the need for licensed professionals to be current in their field of practice. adding PDH requirements only adds costs and administrative time that smaller firms or independent practitioners can not afford.	1/10/2024 9:23 AM
1536	If continuing education is mandatory, it should be very low cost and it should be a tax write-off.	1/10/2024 9:23 AM
1537	Continuing education is necessary to keep up with the latest advances in technology in each profession, &/or new materials or procedures	1/10/2024 9:23 AM
1538	I think we should let the free market govern quality of engineering services above the minimum standard required for licensure. Engineers who choose not to obtain continuing education will not be able to provide superior or current products as technology advances, and will thus be stuck providing the same services they have chosen to train in. There should be no additional need to have governmental oversight and further expenditure to ensure engineers meet a minimum standard. Client reviews should be sufficient for customers to select engineering at the level of assistance they require.	1/10/2024 9:23 AM
1539	Obviously engineers should strive to remain up to date on codes and changing technologies, but most states required 15 hours/year which I feel is generally excessive and thus results in courses that don't provide a lot of impact. Some states like Florida require engineers take a class on the new version of the State's Building Code when it comes out - and targeted classes / requirements like that are more beneficial I feel like. But as far as a requirement.....I feel like engineers are not going to be really gaining anything from having a requirement vs. not - because those that aren't invested enough to take / acquire meaningful information are just going to take easy online classes to fulfill the requirement.	1/10/2024 9:23 AM
1540	An engineers work should speak for itself.	1/10/2024 9:22 AM
1541	I do not believe CA should implement PDHs	1/10/2024 9:22 AM
1542	teaching a course should count as much as taking one	1/10/2024 9:22 AM
1543	Probably a good idea to require refresher courses to maintain licensure.	1/10/2024 9:22 AM
1544	Why set a new precedent? This is a waste and once again another way for the board to extract money from professional engineers. I've obtained my license, now leave me alone! I can almost guarantee if professional development hours are required the classes we need to take to fulfill the requirement will be useless	1/10/2024 9:22 AM
1545	I think it is best practice for licensed engineers to continue growing their education on the evolving engineering practice. It'll keep licensed engineers keeping up with the latest trends on engineering advanced and maybe they can spearhead a change in ways to analyze or improve infrastructure.	1/10/2024 9:22 AM
1546	The board should not be requiring PDHs for license renewal. Most of us are practicing engineers where we learn about new technologies and practices as part of our day to day duties.	1/10/2024 9:22 AM
1547	I can go either way on supporting PDH or not. California license is more difficult to obtain than the other states.	1/10/2024 9:22 AM
1548	I find it odd that CA does not require continuing education. In my opinion, any good engineer is	1/10/2024 9:22 AM

already doing this. It would only be a matter of keeping track of the hours (and then the time for the board to administer it).

1549	Seems like a mechanism to provide relevance to the Board. Perhaps focusing on streamlining the application and testing programs would be a better place to spend money at this time.	1/10/2024 9:22 AM
1550	I am licensed in 9 states - I am very surprised that California does not require CE reporting. While the CE technical content pales in comparison to experience and college coursework, the laws & ethics portion provides assurance that practitioners maintain currency with the laws and rules that they must abide.	1/10/2024 9:22 AM
1551	At the current time I do not support since the opportunities for professional development in the area of Land Surveying are few and far between. There are classes on the SBA but they are geared towards attorneys. CLSA has some virtual webinars but most are not really geared toward professional development but more informative based on the speakers personal experience. I would be in support if it covered topics like boundary law, legal description preparation, Public Lands or coordinate systems but there are not a lot of classes on these topics that are accredited.	1/10/2024 9:22 AM
1552	I have been working in this field for over 35 years and it makes me SICK that I am currently more knowledgeable then half of the licensed professionals I meet. And the ENTIRE reason that I am not currently licensed is because I have no living references that are still licensed and can vouch for my experience in this field that are not family members! Therefore, YES! Get those guys who lack the knowledge of today's surveyor competent in being a surveyor! The errors I encounter daily are sickening!	1/10/2024 9:22 AM
1553	Continuing education requirements should not be per license. Licensed Structural Engineers should not be required to complete PDHs for both their Civil and Structural licenses.	1/10/2024 9:22 AM
1554	Bad idea, does not add value. Makes the process more complicated and expensive; with no benefit of creating more competent engineers. It's just another hoop to jump through and will not prevent incompetence, if that was the goal.	1/10/2024 9:22 AM
1555	On ethics I agree. For general PDHs, what I've seen others take do not competency to the individual and adds a financial burden	1/10/2024 9:21 AM
1556	The very wide range of actual work experience and expertise would make it impossible to create continuing education with any real meaning to public safety. This would simply add more bureaucracy to the licensing process. This may be desirable to those of you who are a part of it, but not for anyone else.	1/10/2024 9:21 AM
1557	No Board should not implement mandatory continuing education. As a profession the PDH has become less about the actually education and more about the business of providing service.	1/10/2024 9:20 AM
1558	It will need to be negotiated through collective bargaining for adequate compensation.	1/10/2024 9:20 AM
1559	I don't think it is necessary.	1/10/2024 9:20 AM
1560	The codes are continually changing and while keeping up is generally considered practicing within your area of expertise and being competent ..but my experience is that folks do not keep up unless it is required, Also a class in ethics should be required as well	1/10/2024 9:20 AM
1561	PDH's have a little to no impact on licensee competency. PDH requirements are a way for special interest groups to gain access to licensees through government mandate.	1/10/2024 9:20 AM
1562	IT WOULD BE VERY BENEFICIAL FOR THE PROFESSION. IT MIGHT HELP LICENSEES GET UP TO DATE WITH NEW LAWS, TECHNOLOGY AND BOARD RULES WHICH MIGHT PREVENT SOME LICENSEES FROM BREAKING THE LAW.	1/10/2024 9:20 AM
1563	There are many ways to acquire appropriate PDH's, and should be a challenge for a licensed professional. Participation at an annual conference is beneficial in many ways, and many surveyors need more ethics.	1/10/2024 9:20 AM
1564	The Board should not implement mandatory continuing education. This is something all engineers practice and should not waste the Boards time and licensee's expense to manage.	1/10/2024 9:20 AM
1565	What qualifies as a PDH would be my concern. Also the level of documentation. Attending WEF or AWWA should be qualification not getting someone to check a box on a form and miss the opportunity to hear the next talk. At least start with a more open opportunity and then	1/10/2024 9:20 AM

take correction action if it is a problem. Don't make this so restrictive it becomes a cottage industry selling PDH opportunities.

1566	California is one of the only states that doesn't. Being licensed in multiple states, I normally have to do 16-18 hours a year. I would prefer that the PDHs be based on technical and business management and not state specific and PDHs earned in other states will apply to California as well.	1/10/2024 9:19 AM
1567	I think in California is not necessary or mandatory.	1/10/2024 9:19 AM
1568	I think PDH are an important part of a professional engineer keeping up with current technology and providing professional services to their clients.	1/10/2024 9:19 AM
1569	I believe PDHs have their place in trying to keep professionals up to date on current technologies, or recent code updates. I whole heartedly support the implementation of PDHs. As a comity licensee when getting licensed in CA was honestly very surprised that PDHs were not required.	1/10/2024 9:19 AM
1570	As building codes are revised every 3 years, there is already a built-in requirement to pursue continuing education and stay current on engineering topics. Mandatory continuing education would merely add to the administrative overhead of tracking and verifying what is already necessary to continue practicing within the realm of structural engineering. The added costs and time may become more of a barrier to licensure rather than a benefit.	1/10/2024 9:19 AM
1571	Obtaining a degree and initial licensure should not be the end of one's professional education. There needs to be a mechanism to ensure that licensed professionals are knowledgeable and proficient in the current state of the practice.	1/10/2024 9:19 AM
1572	I do not support any mandatory continuing education. Continuing education courses are expensive and not affordable for a lot of people.	1/10/2024 9:19 AM
1573	i have generally found pdh courses to be checking a box and a cash source for outside providers and not actually educational/helpful to the profession.	1/10/2024 9:18 AM
1574	Money grab	1/10/2024 9:18 AM
1575	The PDHs that I earn as required by other states are largely a waste of my time and money and do not truly enhance my technical or code knowledge.	1/10/2024 9:18 AM
1576	I think employment should be sufficient in an engineering position to count as PDHs. All engineers are continually challenged with new work, no one does the same project twice.	1/10/2024 9:18 AM
1577	Not worth the costs and time for the individuals or the state.	1/10/2024 9:18 AM
1578	I am regularly doing personal development, it just might not be through a certified course, but I am able to grow in the areas I need when I need to.	1/10/2024 9:18 AM
1579	Civil Engineering is a vast profession in which professionals hone in on certain categories. Continuing education is unnecessary for almost all Civil engineers.	1/10/2024 9:18 AM
1580	Practicing PEs/SEs in California need to stay current with standards of practice, new technology, code updates, etc in order to competently practice. Requiring us to document this with the board creates additional, unnecessary paperwork/administration.	1/10/2024 9:18 AM
1581	I think requiring continuing education is an excellent idea and should be prioritized. However, I worry the cost of these educational units may make a an additional barrier to folks with lower socioeconomic status. There needs to be free courses throughout the year to ensure equality for all licensees.	1/10/2024 9:18 AM
1582	I definitely feel that continuing education should be mandatory, but I also think it should be relevant/current.	1/10/2024 9:17 AM
1583	This is an additional cost, and perhaps a significant one. This will be a burden to licensees, and especially to those with limited financial resources and/or who hold jobs where the employer will not cover these costs.	1/10/2024 9:17 AM
1584	What is the justification for PDHs? Will the board post the research done leading to PDHs? What events or trainings would "count" PDH hours?	1/10/2024 9:17 AM