

WINTER 2018

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

BULLETIN

FEATURES

- 2 California Wildfires and Their Effects on Engineers, Land Surveyors, and Geologists
- 3 The Board's Sunset Process: What it Means for You and for Us

IN EVERY ISSUE

- 1 Message from the Executive Officer
- 3 Board Members
- 4 Enforcement Actions
- 7 Legislation and Regulation News and Updates
- 8 Outreach Events
- 9 National Association News
- 12 Get to Know Our Licensees
- 13 In Memoriam
- 14 Board Speakers Available
- 14 Board Subscribers List Reminder
- 14 Contact Us
- 15 Board Calendar
- 15 Social Media



Message from the Executive Officer

RICHARD B. MOORE, PLS

The board anticipates a great deal of activity on several fronts as the new year descends upon us. As 2019 begins, the board is evaluating a full year's worth of data after changing how and when potential licensing candidates sit for required examinations, streamlining administrative

hurdles to traditional application processes. Ultimately, the board expects those changes will have a positive effect on the overall pathway to licensure.

While this is going on, the board also found the time to study necessary regulatory changes pertaining to clarifying the educational requirements for those seeking licensure as a professional geologist or geophysicist. After a long preliminary outreach effort involving both the professional and educational institution communities, the board proceeded through the initial rule-making steps and has currently entered the critical public comment stage. The board encourages all interested parties to visit the board's website, review the rule-making materials, and provide comment during this period.

More recently, the board entered the early stages of two more important initiatives vital to the continued operations of its activities. The first is the recent evaluation for how trends in licensure are affecting the operational sustainability of the board's fund condition, which has resulted in the commencement of a rule-making effort to modify the current fee structure for both applicants and existing license holders. Secondly, four years have passed since the Legislature has performed its regularly scheduled sunset review of the board's mission and accomplishments. This process will entail legislative review and hearings before assigned legislative committees during the 2019 legislative cycle. The board encourages all interested parties to monitor the board's website throughout the year for updates pertaining to both of these efforts—most of which will be included in the official meeting materials—and provide feedback either during official public comment periods or by personally attending the scheduled public board meetings.



California Wildfires and Their Effects on Engineers, Land Surveyors, and Geologists

Corrected/updated Jan. 31, 2019. Information provided here assembled from information supplied by CalRecycle and VenturaCountyRecovers.org websites and documents.

Editor's note: This article is the second in a series related to our licensees and their most common tasks after a wildfire. Our first article focused on the effects of flooding and erosion that commonly follow a devastating wildfire. In this article, we focus on the difficulty civil engineers face when addressing the rebuilding process with homeowners after a wildfire, explaining how protecting the public (and themselves) is the first issue to be dealt with. We will further explore this impact on land surveying and geology professionals in future editions of the Bulletin. Our sources of material for this list and the other articles in this "Wildfire" series include: Ventura County Air Pollution Control District; County of Ventura Resource Management Agency; VenturaCountyRecovers.org; LA CountyRecovers.org; ButteCountyRecovers.org; Butte County Department of Public Health-Environmental Health; California Department of Toxic Substances Control; California Office of Emergency Services; CalRecycle; California Department of Insurance; and Environmental Protection Agency Office of Emergency Management.

Fire Issues Civil Engineers Commonly Face: Concrete Slabs and Foundations Damaged by Fire, Debris Removal, and Rebuilding

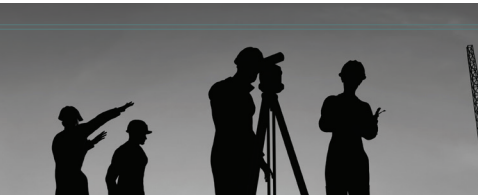
Existing footings, slabs, and foundation systems in fire-destroyed buildings are not typically permitted to be reused. The effects of intense heat and fire on a foundation system renders the foundation unusable, or impractical for reuse for the following reasons:

1. The ground beneath the foundation must be tested to ensure it is free of contaminants and hazardous materials that may have been released by the building contents during the fire into the ground. This test must be conducted in accordance with Environmental Protection Agency lab method 6020 and 7471A. The test is destructive to the floor slab as it involves coring
2. A serious house fire can generate enough heat to damage and weaken the concrete and steel reinforcement bars in footings, slabs, and footing stem walls. Even though concrete is nonflammable and offers excellent fire protective qualities for preventing the spread of fire, it loses most if not all of its structural strength characteristics when exposed to extreme heat. Performing compressive tests to confirm that the concrete has retained sufficient strength for reusing a foundation is expensive, destructive, and generally not cost-effective.
3. Foundation anchorage hardware (steel bolts and hold-down anchors) are typically lost or severely compromised during a serious fire and cannot be replaced or repaired without great expense. Installing replacement anchors in an existing footing is labor-intensive and requires special inspection during installation, which can add significant cost. Replacement anchors for hold-down hardware must be re-engineered and are difficult and expensive to install in existing concrete footings. It requires special hardware and installation techniques involving high-strength epoxies, careful drilling and inspection of the installation locations, and continuous inspection of the new anchor placement. Continuous inspection is required throughout the entire installation process, and is required to be conducted by inspectors certified by the International Code Council or your local jurisdiction.
4. Plumbing pipes and electrical conduit embedded in the concrete is usually destroyed or heavily damaged during a fire. Repairs and replacement of pipes and conduit in existing foundations involves the removal and replacement of portions of the concrete that encapsulates them, which further compromises the concrete. This process usually involves saw-cutting or jack-hammering out those portions of concrete containing pipes and

Please see the interview on page 12 with licensed land surveyor Mike Mueller, PLS, on how the recent wildfires in Sonoma County have affected his work.

of portions of the concrete foundation for access and exploratory drilling into the ground.

(continued on page 3)



California Wildfires and Their Effects on Engineers, Land Surveyors, and Geologists (continued from page 2)

conduit, removing and replacing the damaged pipes and conduit, and pouring the replacement concrete.

5. Moisture barriers under concrete slabs are often destroyed. The moisture barrier is a thin layer of plastic commonly referred to as “visqueen” which is typically located under concrete slabs. Moisture barriers are important because they prevent moisture intrusion, which can damage flooring materials, drywall, and other finish materials inside the home. A strong fire can destroy or damage the moisture barrier beneath the slab. Replacement of the moisture barrier will require that the entire floor slab be removed and replaced.
6. The foundation system usually does not meet today’s structural design requirements for earthquake safety and stability of the home during strong winds. This is especially true in cases where the original building was constructed prior to 1974. Current state codes require that new buildings meet or exceed certain minimum design and construction standards of safety. In most

cases, compliance with these standards is difficult or impossible to verify in an existing foundation system because the foundation is below ground and the size, spacing, and location of steel reinforcement embedded in the concrete is difficult to determine. In the absence of the building plans used to construct the original building, county building and safety offices will not accept an existing fire-damaged foundation for consideration as a viable code-complying alternative to a newly-designed and constructed foundation for supporting a new building.

There are a number of tests and standards for evaluating the compressive strength of the concrete or masonry, including ASTM C39 and ASTM C140, which involve taking core samples from the foundation and doing a compressive test in a certified lab. Homeowners interested in pursuing an exception and retaining their foundation are advised to discuss this issue in detail with the professional engineer who will be designing their replacement structure.

The Board’s Sunset Process: What it Means for You and for Us.

Legislation enacted in 1994 put in place a procedure and schedule for the Legislature to assess the effectiveness of, or need for, state involvement in the various occupational areas currently regulated by the Department of Consumer Affairs and its various boards. Pursuant to this law, independent boards become inoperative—or “sunset” according to a specified schedule, on Jan. 1 of a given year unless the Legislature passes laws to either reinstate them or extend the sunset dates. A sunset review is required prior to new legislation being enacted. In October 2015, the board’s sunset bill (Assembly Bill 177, Bonilla, Chapter 428, Statutes of 2015) was signed into law extending the statutory provisions for the continued operation of the board until Jan. 1, 2020.

A significant benefit of the sunset review process is the ongoing evaluation of board activities and the various changes and improvements developed as a result of this evaluation. Success in the review process and possible legislation would allow the board to continue its efforts to protect California’s consumers. To follow the board’s sunset review process and joint sunset review oversight hearings, please click [here](#).

BOARD MEMBERS

President: Mohammad Qureshi, P.E., Ph.D.

Vice President: Fel Amistad, Ph.D.

Public Members:

Andrew Hamilton
Kathy Jones Irish
Coby King, Esq.

Asha Malik Brooks Lang
Frank Ruffino
William “Jerry” Silva

Professional Members:

Natalie Alavi, P.E.
Alireza Asgari, P.E., S.E.

Eric Johnson, P.E.
Elizabeth Mathieson, P.G., CEG
Robert Stockton, P.E.
Steve Wilson, PLS, P.E.

Richard B. Moore, PLS, Executive Officer

Brooke C. Phayer, *Bulletin* Editor

Enforcement Actions

Citations Issued to Unlicensed Individuals: Fiscal Year 2018-19 (July-September)

Citations are issued to licensed engineers, land surveyors, geologists, and geophysicists when the severity of a violation prohibiting the unlicensed practice of engineering, land surveying, geology, and geophysics, or other activities for which a license is required. When a fine is levied with a citation, payment of the fine does not constitute admission of any violations charged but represents a satisfactory resolution of the matter pursuant to Business and Professions Code section 125.9(d). Code sections numbered in the 6700s, 7800s, and 8700s refer to the Business and Professions Code; those numbered in the 400s and 3000s refer to title 16 of the California Code of Regulations. You can look up the code sections and read the laws on the board's website at www.bpelsg.ca.gov/laws/index.shtml. All final citations are matters of public record. For a copy of the final citation order or if you have any questions, you may contact the board's Enforcement Unit at BPELSG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the cited person and the citation number in your request.

Cited Person	Citation No.	Violation Code Section(s)	Date Final	Fine Amount	Status of Fine
COFFMAN, JUSTIN	10681-U	6787(a); 7872(a)	7/15/2018	\$1,000	Paid
DUGGINS, JAMES	10676-U	6787(a),(g); 8792(a),(i)	7/2/2018	\$2,000	Paid
FARAH, KAMRAN	10660-U	6787(d)	8/24/2018	\$4,000	
GUTIERREZ, JULIEO	10691-U	6787(d)	9/14/2018	\$2,000	
PINNICK, ALEJANDRO	10663-U	6787(a)	8/16/2018	\$3,000	
YEUNG, HENRY	10688-U	6736; 6787(a)	9/13/2018	\$3,000	Paid



(continued on page 5)



Enforcement Actions (continued from page 4)

Citations Issued to Licensees: Fiscal Year 2018–19 (July–September)

Citations are issued to licensed engineers, land surveyors, geologists, and geophysicists when the severity of a violation may not warrant suspension or revocation of the licensee's right to practice. When a fine is levied with a citation, payment of the fine does not constitute admission of any violations charged but represents a satisfactory resolution of the matter, pursuant to Business and Professions Code section 125.9(d). Code sections numbered in the 6700s, 7800s, and 8700s refer to the Business and Professions Code; those numbered in the 400s and 3000s refer to title 16 of the California Code of Regulations. You can read the laws on the board's website at www.bpelsg.ca.gov/laws/index.shtml. All final citations are matters of public record. For a copy of the final citation order or if you have any questions, you may contact the board's Enforcement Unit at BPELSG.Enforcement.Information@dca.ca.gov or (916) 263-2284. Please include the name of the cited person and the citation number in your request.

Cited Person	Citation No.	Violation Code Section(s)	Date Final	Fine Amount	Status of Fine
BAZLEY, TIMOTHY	10677-L	6775.2(a)	7/3/2018	\$2,500	
CAAMPUED, HERNANDO	10556-L	8780.2	9/28/2018	\$500	
CAAMPUED, HERNANDO	10555-L	8729(i); 8759(a); 8762(b)(5); 8771(a); 8772; 8780(b),(d); 404.2	9/28/2018	\$3,500	
CALDWELL, MICHAEL	10687-L	8762(b)(2),(3); 8780(g)	9/5/2018	\$1,500	
DALIVA, GERONIMO	10690-L	6738(i); 6749(a); 6749(a)(3); 6775(c)	9/14/2018	\$1,600	
DANIELSON, MARK	10678-L	8762(b)(4)	7/5/2018	\$1,000	
FAGENT, DENNIS	10692-L	6749(a); 6775(c)	9/14/2018	\$3,000	Paid
HERKUS, ROBERT	10019-L	8762	8/2/2018	\$1,000	
HERKUS, ROBERT	10474-L	8780(d); 464(c)	8/2/2018	\$1,000	
IMMERMAN, PAUL	10553-L	6775(h); 404.1	7/25/2018	\$1,000	
KONECNA, BARBORA	10693-L	8762(b)(4); 8762(c)	9/26/2018	\$1,000	
MARSAU, JOHN	10684-L	8762(c)	8/17/2018	\$1,500	
NAGEL, FREDRIC	10507-L	8764; 8767; 8768; 8780(b)	7/26/2018	\$1,000	Paid
NICOLL, GERALD	10680-L	6787(a); 7839	7/5/2018	\$1,000	Paid
RIGDON, KRIS	10497-L	8762; 8767	8/2/2018	\$1,000	
ROGERS, JEROME	10686-L	8762(c)	9/4/2018	\$500	Paid

(continued on page 6)

Enforcement Actions (continued from page 5)

Formal Administrative Disciplinary Decisions

A formal disciplinary decision is considered formal administrative disciplinary action against a licensee. It results from the board's adoption of a proposed decision prepared by an administrative law judge following a hearing, a stipulated settlement agreement, or a default decision following a full investigation and the filing of an accusation. An accusation is a formal legal document that notifies a licensee of the board's charges and allegations of violations against the licensee and that requests a disciplinary order be issued. The licensee is entitled to contest the charges at a formal hearing before an administrative law judge or to agree to a stipulated settlement. A final disciplinary decision contains findings and determinations or statements of advisements, waivers, and culpability and a disciplinary order. If there are findings of violations, the order may include revocation or suspension of the license, a stayed revocation or suspension of the license with a probationary period and terms and conditions or probation, or a public reproof. In the alternative, the decision may find that no violations or violations of a de minimus nature occurred and order the dismissal of the accusation. All final disciplinary decisions are matters of public record. For a copy of the final decision or if you have any questions, you may contact the board's Enforcement Unit at **BPELSG.Enforcement.Information@dca.ca.gov** or (916) 263-2284. Please include the name of the respondent and the case number in your request.

Respondent	Case Number	Effective Date	Disciplinary Order
PRADO, ANTONIO	1154-A	8/2/2018	Public Reproof



For more information about the board's enforcement actions, visit our website at:
www.bpelsg.ca.gov/consumers/enforce.shtml.



Legislation and Regulation News and Updates

Chaptered Legislation and Upcoming Changes in the New Year

Every legislative session, the board tracks and analyzes bills that potentially impact the board's operations, the licensed professions the board regulates, and the statutes that determine that authority. We consistently strive to identify, analyze, and advertise at public board meetings the bills introduced that may change the landscape of our statutory authority. For more information on upcoming board meetings and to download meeting materials, go to www.bpelsg.ca.gov/about_us/meetings/index.shtml.

The following is a summary of chaptered legislation that takes effect Jan. 1, 2019, along with information on the impact to our licensees, consumers, and the public.

Legislation

Assembly Bill 2138 (Chiu, Chapter 995, Statutes of 2018)—Licensing boards: denial of application: revocation or suspension of licensure: criminal conviction

Senate Bill 920 (Canella, Chapter 150, Statutes of 2018)—Engineering, land surveying, and architecture: limited liability partnerships

Senate Bill 1098 (Canella, Chapter 154, Statutes of 2018)—Geologists and geophysicists: fees

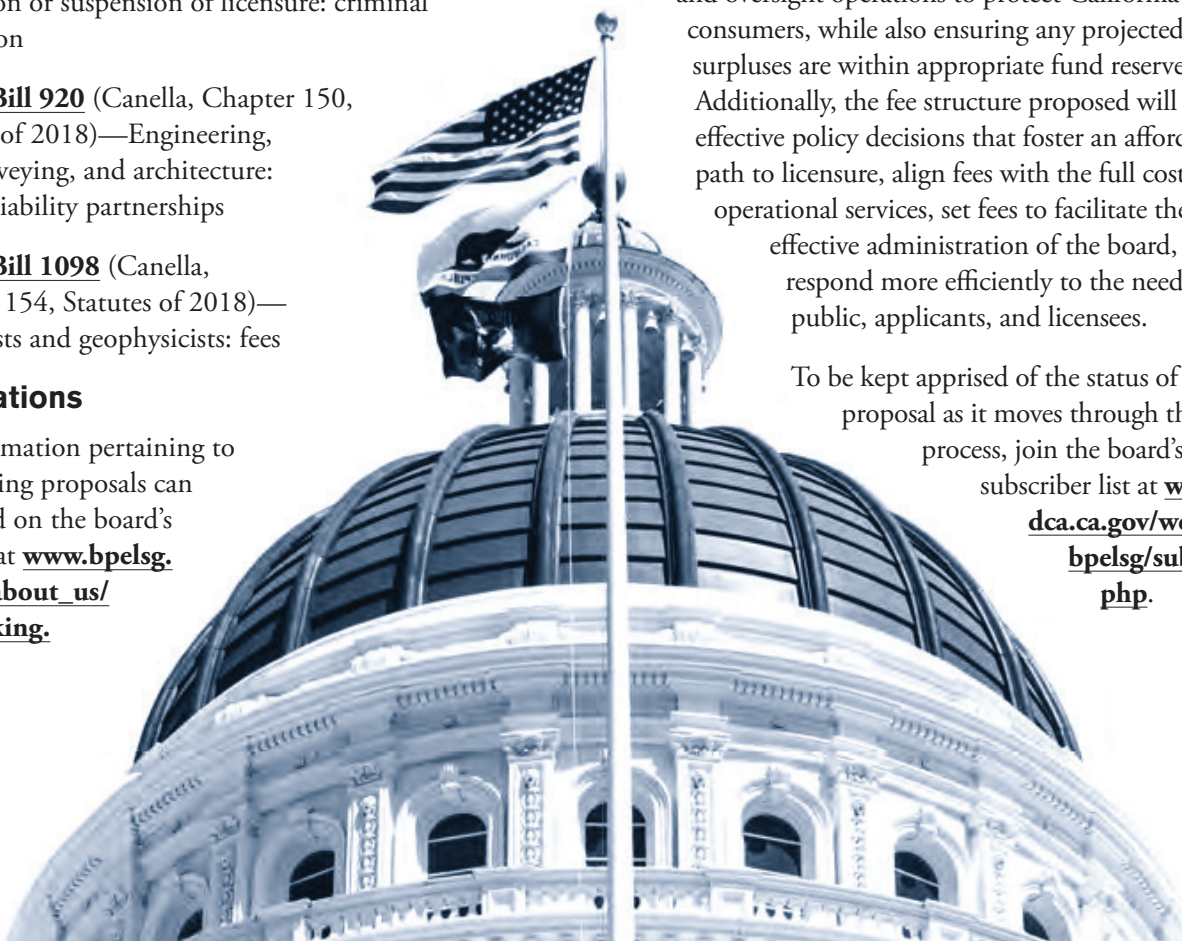
Regulations

All information pertaining to rulemaking proposals can be found on the board's website at www.bpelsg.ca.gov/about_us/rulemaking.shtml.

Upcoming Regulatory Proposal on Fee Changes

The board last adjusted fees in April and May of 2012 and that fee structure has provided operational program support until fiscal year 2017–18. Program expenditures exceeded revenue in 2017–18. Expenditure projections are expected to exceed revenue in 2018–19 and ongoing. Analysis of the board fund confirms budgetary adjustments must be implemented to remain solvent. The board operates under a special fund. As a special fund agency, the board receives no general fund support and relies solely on fees set by statute, which are collected as licensing and renewal fees. Statute indicates that the costs incurred by a special fund program must be equal to the cost objectives. The board will be proposing fee amendments aimed at protecting the fund from becoming insolvent. This proposal is designed to enable the board to maintain its licensing, disciplinary, and oversight operations to protect California's consumers, while also ensuring any projected surpluses are within appropriate fund reserve limits. Additionally, the fee structure proposed will set effective policy decisions that foster an affordable path to licensure, align fees with the full cost of operational services, set fees to facilitate the effective administration of the board, and respond more efficiently to the needs of the public, applicants, and licensees.

To be kept apprised of the status of this proposal as it moves through the process, join the board's email subscriber list at www.dca.ca.gov/webapps/bpelsg/subscribe.php.



OUTREACH EVENTS: July–September 2018

July 2: California State Senate Resolution 92 proclaims the week of July 29–Aug. 5 “Professional Geologists and Professional Geophysicists Week.”



On the Senate floor, from left, John Murphy, P.G.; Laurie Racca, P.G.; and Betsy Mathieson, P.G., CEG.

July 5: SAGE (Surveyors, Architects, Geologists & Engineers) Placerville, El Dorado County, BPELSG Update—Dallas Sweeney.

July 13: Structural Engineers Association of California (SEAOC) Board of Directors Meeting, Sacramento—Ric Moore attended with structural board member Alireza Asgari, S.E.

Aug. 10: California Multi-Agency CIP Benchmarking Study (CMACB), San Jose, presentation on local agency responsibilities related to monument preservation—Ric Moore.

Aug. 23: City of Stockton, monument preservation presentation—Ric Moore and Dallas Sweeney.

Sept. 12: County Engineers Association of California, Survey Policy Committee, Board Update—Ric Moore and Dallas Sweeney.

Sept. 20: Cal Poly Pomona Geomatics Conference—Ric Moore and Dallas Sweeney.



Sept. 20: California State University, Sacramento, ASCE student chapter, FE workshop—Mike Donelson.

Sept. 23-28: Association of Environmental and Engineering Geologists/International Association for Engineering and the Environment (AEEG/IAEE), two presentations in session regarding professional licensing titled “50 Years of Protecting the Public: The California Professional Geologist License,” and “Cooperation Between West Coast Licensure Boards”—Laurie Racca.



National Association News

National Association of State Boards of Geology

Annual Meeting Report: Monterey

As historian Will Durant famously noted, “Civilization exists by geological consent, subject to change without notice.” This is particularly true in California. However, the same geologic processes and events that have made the Golden State famous for its geologic hazards, have also given rise to its beautiful scenery as well as the everyday riches that allow the state to thrive.

On Aug. 1, 1968, Gov. Ronald Reagan signed legislation into law creating the State Board of Registration for Geologists and enacting the regulation of the geologic profession in California. In celebration of the golden anniversary of geology licensing in California, the National Association of State Boards of Geology Annual Meeting and Council of Examiners was held in Monterey Oct. 30 through Nov. 3, 2018.

The National Association of State Boards of Geology (ASBOG®) serves as a connective link for the individual state geologic licensing boards. ASBOG® also supports the geologic community by compiling and providing information on individual state geology licensing requirements on their website. One of ASBOG®’s principal services is to develop standardized written examinations for determining the qualifications of applicants seeking licensure as professional geologists.



State Senator Majority Leader Bill Monning, welcoming the ASBOG® member state representatives to Monterey.

State Sen. Bill Monning kicked off the ASBOG® Annual Meeting by welcoming ASBOG® member state representatives to California.

As the representative of the host state licensing board, Dr. Mohammad Qureshi, P.E. (BPELSG board president), also welcomed ASBOG® to Monterey, with geology board member Elizabeth “Betsy” Mathieson, P.G., CEG, serving as the board’s voting delegate for the ASBOG® meetings.



Dr. Mohammad Qureshi, BPELSG board president, giving a welcome address to ASBOG® members.

Dr. John Parrish, P.G., the former California state geologist, led a discussion on why California needs licensed professional geologists. Dr. Parrish provided attendees with an overview of California geology along with examples documenting the need for a diverse and vigorous geoscience workforce. Cynthia Pridmore, P.G., CEG, of the California Geological Survey Seismic Hazards program delivered a presentation titled “Shake Alert—West Coast Update on the US Earthquake Early Warning System.”



From left, Elizabeth “Betsy” Mathieson, BPELSG geology board member; Laurie Racca, BPELSG Senior Registrar, Geology; Dr. John Parrish, former California state geologist; Cynthia Pridmore, California Geological Survey.

During his lunchtime presentation, Dr. John Wakabayashi, P.G., encouraged ASBOG® members to bridge the growing gap between academic and applied geology.

(continued on page 10)

National Association News (continued from page 9)



Dr. John Wakabayashi, P.G., professor at CSU Fresno and the 2017 Association of Environmental and Engineering Geologists Jahns distinguished lecturer in applied geology.

A highlight of the ASBOG® meetings was an educational field trip (organized by local geologists and sponsored by Geo-Logic Associates) to highlight the variety of tasks performed by licensed professionals in the central coast region of the state. The Army Corps of Engineers (represented by Curtis Payton, P.G.) along with California Statewide Munitions Response Coordinator Roman Racca, P.G., provided an overview of the hydrogeology and groundwater cleanup issues at the former Fort Ord Army base. The Fort Ord cleanup program also highlighted the use of geophysics in the munitions cleanup at the former military base.



Fort Ord cleanup program presentation on the use of geophysics in munitions response.

Dr. Ivano Aiello, department chair of the Geological Oceanography Laboratory at the California State University Moss Landing Marine Laboratories (MLML), discussed the geologic setting of the Monterey Submarine Canyon and the research and operations conducted at the MLML.



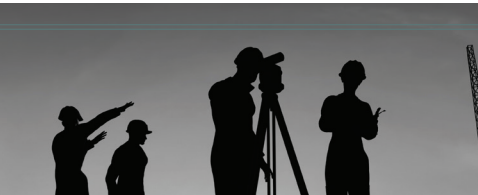
California State University Moss Landing Marine Laboratories.

Local geologists Erik Zinn, P.G., CEG, (former BPELSG board member) and William Godwin, P.G., CEG, led a tour highlighting the Calaveras and San Andreas faults in Hollister and San Juan Bautista.



Erik Zinn, left, and Bill Godwin discussing the Calaveras fault, Dunne Park, Hollister.

(continued on page 11)



National Association News (continued from page 10)

While in Monterey, the primary responsibility of the ASBOG® Council of Examiners (COE) was to evaluate the results of the fall 2018 national geology licensure examinations and prepare the examinations to be administered in spring 2019. The board's geology registrar, Laurie Racca, serves as the chair of the ASBOG® Examination Committee. The examinations are reviewed for accuracy and fairness so that current and future examinees are given the best examinations to test for competency in the field of geology.



Geologists paving the way for future professional geologists—subject matter experts reviewing ASBOG® Fundamentals of Geology (FG) and Practice of Geology (PG) examinations.

Educational presentations were provided to the COE participants during lunch breaks. Dr. Greg Stock, P.G., Yosemite National Park geologist, described advances in the understanding and mitigation of rockfalls in Yosemite National Park. Holly Nichols, P.G., CEG, from the California Department of Water Resources, described the role of geologists in her presentation “The Oroville Spillways, Where’s the Geologist?”

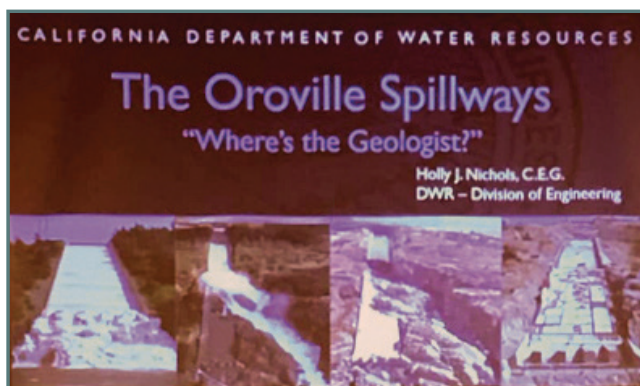


Dr. Greg Stock, P.G., National Park Service.

The board would like to thank everyone who made the 2018 ASBOG® Annual Meeting and Council of Examiners a success.



Holly Nichols, P.G., CEG, California Department of Water Resources, and Laurie Racca, P.G., BPELSG.



Get to Know Our Licensees



Meet Mike Mueller, PLS #9076

Why did you become a land surveyor?

Like many in the profession, I came into surveying somewhat sideways. I was originally intending on being a veterinarian, and then a history teacher, and then a carpenter,

but as I learned more about myself and those careers, I realized they were not for me. I had learned drafting and rudimentary surveying in elementary school and high school though a Regional Occupation Program (ROP) class and when a friend gave me some weekend work as a backsight rodman on section traverses, I realized I had found my calling.

What attracted you to your field, and what positions have you held as you advanced your career?

I was attracted for many reasons, but the ones that stick out are the wonderful mix of research, field work, analysis and being able to complete a job. While working in other fields I noticed that I became uninterested in any job that was too repetitious, and I didn't want to earn my living from my body alone like I would in carpentry. Surveying also offers one of the few careers where a jack-of-all-trades actually pays off, since my time spent pursuing minors in anthropology, archaeology, geology, astronomy and forestry actually relate to my career. In my 11 years as a surveyor I have been a rodman, map checker, survey tech, party chief, project manager, and associate surveyor.

Do you have any family members in your field?

No.

Where did you attend school (post high school), and what degrees do you hold?

I feel obligated to mention my high school, El Molino in Forestville, because the ROP classes offered by Mr. Roa helped lead many into the engineering and surveying fields. His classes taught table drafting, AutoCAD and field surveying to myself and several of my friends, and it is one of those friends that started me on my actual survey career seven years later. My post-secondary education was at University of California, Davis, where I graduated with a bachelor's degree in history and about seven unfinished minors.

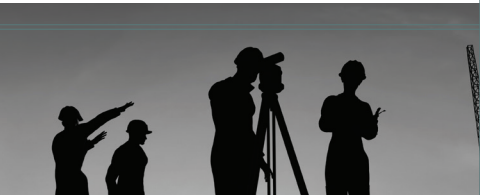
What value does your professional license represent to you, and how has it helped in your career?

My license represents the true beginning on my path to professional excellence. The true benefit of obtaining a license is that it forces you to take more responsibility for your work, and to think longer-term about your decisions and resolutions. Most companies have the principles stamp and sign everything, and I appreciate the trust that my company has in me when I stamp and sign my own work.

You currently work for a private company; what are your responsibilities and duties in your current position?

I am an associate land surveyor, which for my company means that I speak with prospective clients and work with them to prepare a proposal, and then I manage and oversee the entire course of work for that project to completion. Our company offers complete land development, which means that I will be working with our in-house planners and engineers on projects that encompass permitting, septic designs, road designs, grading plans as well as the normal ALTAs, RoS, Topos, El Certs, tentative maps and such.

(continued on page 13)



Getting to Know Our Licensees (continued from page 12)

In regard to the wildfires affecting your areas in California, what are your responsibilities?

My personal responsibilities have been preparing records of surveys, corner records, site plans, staking services and foundation form certifications at a much faster rate than before. One of the wonderful silver linings to the entire rebuilding effort is how the survey community of Sonoma County really came together to assist the public, often recommending an erstwhile competitor who would be able to help them faster or cheaper since they were already working for the neighbor. A community KMZ was prepared so that everyone knew who was working where so we could compare notes and send over preliminary maps quicker and easier.

Briefly discuss the biggest challenges you face as a land surveyor regarding the wildfires, specifically noting the changes in your workload due to the fires.

The largest difference in the post-fire work is the need to educate and explain what we do to our new clients. Prior to the fire, most of our clients were either familiar with surveying from a previous job or were design professionals. Since the fire we have experienced a large number of do-it-yourselfers who are trying to make their insurance dollars stretch, and so we were often spending hours explaining the development process and why they need to have a surveyor involved. At this point, the first wave of re-building appears to be over, and now we are starting on the wave of projects that are being started by people buying a fire lot to build their dream home.

In Memoriam

In celebration of the lives and contributions of the following professionals, the board would like to recognize professionals licensed as engineers, land surveyors, or geologists who recently passed away. Below is a list of individuals who have departed July through September 2018. This list may not include all those who have recently passed away as we rely on information from the public, other licensees, and family members. Please contact the board regarding individuals who have recently passed.

Name	License Number	Years of Service
Engineer		
Chester Hartford Chandler III	C 45558	28
Noel L. Christensen	C 15398	53
Robert John Furman	C 31166	38
Leonard Joseph Martini	M 18774	40
James Everett McTaggart	E 7839	46
Eugene Edward Williams	E 10368	38
Aleksey Leonidovich Shkipin	E 20892	4
Jarrett Thomas Woodruff	C 72961	10
Geologists		
Land Surveyors		
Randall Lee Huebner	L 5451	34
William Frederick Slepnikoff	L 5701	31
Multiple Licenses		
Charles Lloyd Hornbeck	C 10765	53
	L 4564	32
Ronald Joel Tanenbaum	C 49780	26
	GE 2343	22
Peter Oleh Babij	GEO 6679	21
	HG 562	21

Board Speakers Available

The board continues its efforts to reach out to groups interested in any of the broad array of board functions. As part of this outreach effort, we have speakers available to present at meetings and events. Speakers include Executive Officer Ric Moore, PLS; Assistant Executive Officer Nancy Eissler; Enforcement Manager Tiffany Criswell; Senior Engineering Registrars Natalie King, P.E., and Mike Donelson, P.E.; Senior Land Surveyor Registrar Dallas Sweeney, PLS; and Senior Geology Registrar Laurie Racca, P.G.

Our Enforcement, Licensing, Examination, and Outreach units all have speakers authorized to represent the board. To request a speaker, we will need the following information: size of group, location, time, length and type of presentation, and proposed subject matter. Appropriate advance notice is always appreciated. Current and former board members may also appear on the board's behalf, depending on availability.

For more information, contact board outreach coordinator Brooke Phayer at **Brooke.Phayer@dca.ca.gov** or (916) 263-2239.

Contact Us

California Board for Professional Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive, Suite 300, Sacramento, CA 95833

ADMINISTRATION		
Executive Officer	Ric Moore	(916) 263-2222
Assistant Executive Officer	Nancy Eissler	(916) 263-2222
Administration Supervisor	Jeff Alameida	(916) 263-2222
ENFORCEMENT AND COMPLAINTS		(916) 263-2284
FINGERPRINTING		(916) 263-2325
LICENSURE AND CERTIFICATION QUALIFICATIONS OR APPLICATIONS		
EIT(FE), LSIT(FS), GIT(FG) Certifications		(916) 263-2222
PE Licensure Qualifications or Applications		(916) 263-2222
PLS Licensure Qualifications or Applications		(916) 263-2222
All Geologists and Geophysicists		(916) 263-2222
LICENSE RENEWAL	Vicki Kereszt	(916) 263-2268
OUTREACH	Brooke Phayer	(916) 263-2239
SENIOR REGISTRARS (FOR PROFESSIONAL LICENSES)		
Engineers (Civil, Structural, Traffic, and Geotechnical)	Natalie King, P.E.	(916) 263-2222
Engineers (Other Than Civil, Structural, Traffic, and Geotechnical)	Michael Donelson, P.E.	(916) 572-2248
Geologists and Geophysicists	Laurie Racca, P.G.	(916) 263-2406
Land Surveyors	Dallas Sweeney, PLS	(916) 263-2271
WEBMASTER	Celina Calderone	(916) 263-2230

Board Subscribers List Reminder

Receiving email notifications regarding meetings, legislation, or e-news from the board couldn't be easier. Simply join our subscribers list on the board's website. You will then be connected to new editions of the *Bulletin*, notified when the board holds meetings, and receive information related to consumers, candidates, or licensees.

Joining the subscribers list can be done in just a few easy steps:

1. Visit the board's website at **www.bpelsg.ca.gov**.
2. Click on "Subscribe to the Board's Email List" in the "Quick Hits" section.
3. Enter your email address and the specified text or audio link to validate submission of your data.
4. Click on "Submit," then you will receive a confirmation email.



California Board for Professional Engineers,
Land Surveyors, and Geologists
Tel (916) 263-2222 • Fax (916) 263-2246
www.bpelsg.ca.gov

Board Calendar

January

- 1/1:** New Year's Day—Board Office Closed
1/21: Martin Luther King Jr. Day—
Board Office Closed

February

- 2/18:** Presidents Day—
Board Office Closed
2/21: Board Meeting,
Location TBD

March

- 3/5:** CA CSE PG Exam
3/15: ASBOG® Exams

WINTER 2018

BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS



BULLETIN



Social Media: Board Facebook and Twitter Pages

The board is asking for your help in getting the word out regarding the launch of its Facebook and Twitter pages. The board is now posting information of interest to postsecondary institutions and students on a regular basis. This information includes regulatory changes, updates to our website, interesting articles, useful resources, and a host of other board-related data.

For those institutions that communicate with students through email or some other means, we invite you to share this information with them. The board is anxious to use these social media outlets as an ongoing way to reach our stakeholders. Thank you for your assistance in spreading the word.

Please take a few minutes to like us on Facebook and follow us on Twitter:



Facebook—www.facebook.com/pages/The-Board-for-Professional-Engineers-Land-Surveyors-and-Geologists/107020752801578



Twitter—twitter.com/CA_Engineers

STATE OF CALIFORNIA



DEPARTMENT OF CONSUMER AFFAIRS

1625 N. Market Blvd.
Sacramento, CA 95834
www.dca.ca.gov