



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

2011 – 2014 STRATEGIC PLAN

Adopted May 12, 2011



Members of the Board

- **Mike Modugno, P.E.**
- **William “Jerry” Silva**
- **James W. Foley, P.E., S.E., G.E.**
- **Carl Josephson, S.E.**
- **Philip Quartararo**
- **Hong Beom Rhee, Ph.D.**
- **Ray Satorre**
- **Patrick J. Tami, P.L.S.**
- **Michael Trujillo**
- **William Paul Wilburn, P.E.**
- **Erik Zinn, P.G., C.E.G.**



EDMUND G. BROWN JR. – Governor

ANNA CABALLERO – Secretary, State and Consumer Services Agency

BRIAN J. STIGER – Acting Director, Department of Consumer Affairs

JOANNE ARNOLD – Interim Executive Officer

Program Overview

About the Board:

The Board is charged with safeguarding the life, health, property, and public welfare by regulating the practices of professional engineering, professional land surveying, geology, and geophysics. The Board provides this public service by qualifying and licensing individuals, establishing regulations, enforcing laws and regulations, and providing information so that consumers can make informed decisions.

The regulation of engineers, land surveyors, geologists, and geophysicists protects the public from incompetent, negligent, and unscrupulous individuals who would offer such services without having met any qualifications.

The complexity of engineering, land surveying, geology, and geophysics projects necessitate a very high degree of technical skill and knowledge. The vast majority of licensed engineers hold a college degree in engineering. Calculus, physics, material science, and computer programming skills are required; these are knowledge and skills not typically possessed by members of the general public.

Land surveyors make decisions based upon interpretation of legal documents and the use of high-tech locating instrumentation, including satellites and computer programming. Geologists perform fault evaluations, ground water investigations, and slope stability analyses. Again, laypersons rarely possess these skills.

The Board provides essential oversight for each of these professions, allowing Californians to enjoy a safe and well designed infrastructure.



Mission Statement

The Mission of Board for Professional Engineers, Land Surveyors, and Geologists is to diligently protect the life, health, property, and welfare of the public. The Board ensures standards for licensure and actively enforces laws and regulations while educating licensees and consumers.

Vision Statement

The Board will lead the nation in ensuring that consumers can make informed decisions and have a high degree of confidence in, and access to, competent and ethical professional services provided by our licensees.

Our Values:

Accountability

We are accountable to the people of California. We operate transparently and encourage public participation in our decision making. We are honest, fair, and respectful in our treatment of everyone.

Consumer Protection

We make effective and informed decisions in the best interest and for the safety of Californians.

Innovation

We value new ideas and concepts which are fundamental to our successful delivery of services to consumers.

Collaboration

We foster the public's trust through open communication and work in a cooperative, respectful, and courteous manner.

Customer Service

We acknowledge all stake holders as our clients, listen to them, and take their needs into account.

Effectiveness

Our actions make a difference and have a positive, measureable impact.

Goal 1: Protect consumers by effectively discouraging violations of the law before they happen and by aggressively investigating and adjudicating violations.

Objective 1.1 – Reduce the aging of enforcement cases to align with DCA’s standards.

Objective 1.2 – Develop and implement a proactive plan to expand the enforcement outreach program.

Objective 1.3 – Discourage unlicensed and incompetent activity through efficient enforcement actions.

Objective 1.4 – Improve consumer friendliness of the Board’s website.

Objective 1.5 – Establish web accessible information, including linking businesses with licensees.

Objective 1.6 – Significantly reduce the number of backlogged enforcement cases.

Objective 1.7 – Encourage DCA to improve their license lookup functionality on the Web site.

Objective 1.8 – Participate in preparations towards the BreEZe conversion.

Objective 1.9 – Publish enforcement actions on the Board’s Web site.



Goal 2: Promote laws and regulations that are clear, relevant, unambiguous, and functional.

Objective 2.1 – Evaluate current laws and regulations and pursue changes where appropriate, with due consideration for economic impact.

Objective 2.2 – Seek fingerprinting and criminal history authority through legislation.

Objective 2.3 – Implement restructuring of examination and application fees.

Objective 2.4 – Review delinquent reinstatement requirements and act on the findings if appropriate.

Objective 2.5 – Conduct a review of the penalty structure for unlicensed activity.

Objective 2.6 – Seek statutory authority to require Certificates of Authorization for businesses.

Objective 2.7 – Eliminate Business and Professions Code section 6760 (temporary authorization to practice engineering).

Objective 2.8 – Amend regulations that allow appeals of national examinations.

Objective 2.9 – Review statutes and regulations regarding Geologists in Training certification.

Objective 2.10 – Review statutes and regulations to provide consistency among all of the Board’s regulated professions.



Goal 3: Increase licensure of Professional Engineers, Land Surveyors, Geologists and Geophysicists.

Objective 3.1 – Participate in development, grading, and standard-setting of national examinations.

Objective 3.2 – Convert all State-specific examinations to computer based testing and provide flexible testing dates.

Objective 3.3 – Review applications and respond to applicants in a timely manner.

Objective 3.4 – Maintain and expand the pool of licensees to help develop State-specific examinations.

Objective 3.5 – Protect the validity of the content and security of examinations.

Objective 3.6 – Accept credit card and PayPal payments for application and examination fees.

Objective 3.7 – Participate in ABET visits.

Objective 3.8 – Pursue the National Council of Examiners for Engineering and Surveying (NCEES) and the Association of State Boards of Geology (ASBOG) administration of national examinations.

Objective 3.9 – Actively participate and attend NCEES and ASBOG meetings to vote on new policies and procedures relating to examinations.



Goal 4: Pursue and obtain adequate resources to meet the Board's mission and vision.

Objective 4.1 – Develop incentives and restructure compensation to retain a quality Executive Officer.

Objective 4.2 – Pursue authorization and funding, if needed, to increase attendance at NCEES meetings and ASBOG meetings.

Objective 4.3 – Develop and implement career and succession planning for Board Staff.

Objective 4.4 – Pursue funding and hiring freeze exemptions for additional staff in all units and programs as needed.

Objective 4.5 – Pursue limited-term positions for specific projects.

Objective 4.6 – Pursue authority and funding to hire a staff geologist.

Goal 5: Provide information about the practices of engineering, land surveying, geology, and geophysics and the relevance of those professions to consumers and licensees.

Objective 5.1 – Expand Enforcement Outreach Program to local and state agencies, professional associations and consumer groups.

Objective 5.2 – Obtain resources, including staff, funding, and out-of-state travel approval, to fully support outreach.

Objective 5.3 – Expand the licensure outreach program to associations, college career fairs, and schools (e.g. *Math Counts, Trigstar*).

Objective 5.4 – Develop and revise the Board’s publications, as needed.

Objective 5.5 – Regularly attend NCEES, ASBOG, and ABET meetings.

Objective 5.6 – Regularly develop and distribute an electronic newsletter.

Objective 5.4 – Keep abreast of emergent technologies and apply them appropriately.

