

State News for NSPE Members

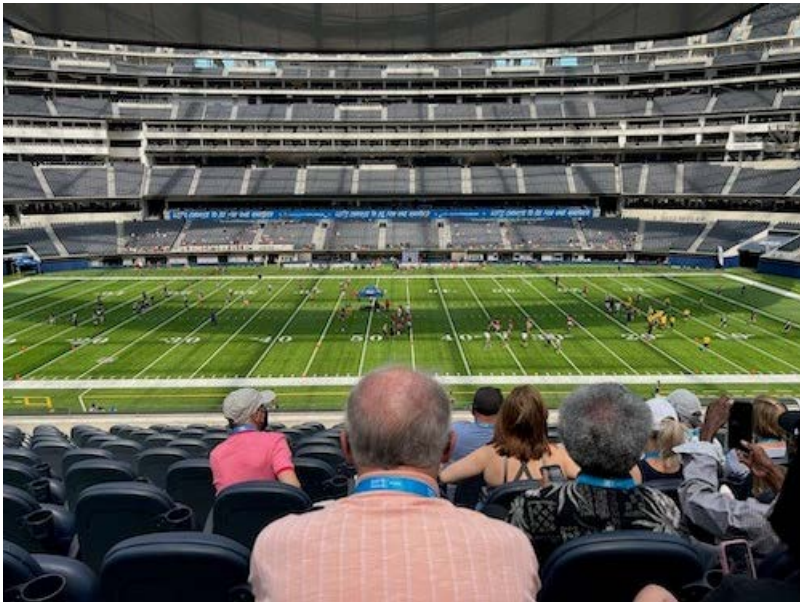
NSPE-CA—Connect with Your Community

**We're Planning
In-Person Events!**



See our preliminary schedule 

NSPE-CA is holding in-person events once again! Members recently attended a tour of [SoFi Stadium](#) on August 14 with content specifically for engineers. The facility engineer showed NSPE-CA members behind-the-scenes areas, such as the chillers, mechanical rooms, and the 100' tall seismic isolation wall. The new stadium (located in Inglewood) hosts various sporting and entertainment events and is home to the Los Angeles Rams and Los Angeles Chargers.



There are more events scheduled! Below is our tentative schedule for 2022-2023. As we finalize date and other details—including registration—we will be adding these events to the [Calendar of Events](#) listings.

- October — Joint Event with IEEE in Pomona
- October 27 — Participation in Process Engineering Technology Expo
- November — Diversity, Equity, and Inclusion Presentation in San Diego/Online
- December — Joint Event with IEEE in Los Angeles Metro Area
- January — Social Event with SWE in Southern California
- February – National Engineers Week Events in San Diego
- March — College Campus Visit to Promote PE Licensure

Licensing Board Meeting

The [California Board for Professional Engineers, Land Surveyors, and Geologists](#) will hold its next meeting on **Monday, August 22**, beginning at 9:00 a.m. If necessary, the meeting will continue on Tuesday, August 23. Access the meeting materials [here](#).

Governor Appoints Infrastructure Advisor

Governor Gavin Newsom named former Los Angeles Mayor Antonio Villaraigosa to serve as an infrastructure advisor, working with local, state, and federal leaders to identify priority projects and maximize access to Infrastructure Investment and Jobs Act (IIJA) funding across all regions of the state, according to a [news release](#).

Newsom's announcement comes as the US Department of Transportation outlined

\$120 million in funding that California will receive for eight projects through the IIJA Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant program to improve and modernize transportation infrastructure.

Here is a breakdown of the funding that California local governments, transit agencies, and others will receive through the RAISE grants:

- \$25 million to the High-Speed Rail Authority for its Merced Extension design work
- \$23 million to San Francisco Municipal Transportation Agency for complete streets improvements along Howard Street
- \$20 million to the Port of Los Angeles for its Terminal Island Grade Separation
- \$15 million for the Inglewood Transit Connector Project
- \$15 million for the Yuba-Sutter Transit Authority's Zero-Emission Bus Operations and Maintenance Facility
- \$15 million to the City of Fontana for multi-modal complete street improvements
- \$5 million to the Sacramento Area Council of Governments to plan and design Mobility Zones in the Sacramento Region
- \$1.6 million to the Tolowa Dee-ni' Nation for a separated pedestrian and bicycle path across Highway 101 in Del Norte County

Energy Commission Adopts Historic Offshore Wind Goals

The California Energy Commission (CEC) adopted [a report establishing offshore wind goals](#) and moving the state one step closer to development of the clean energy resource off the state's coast. Preliminary findings in the report set planning goals of 2,000-5,000 megawatts (MW) of offshore wind by 2030 and 25,000 MW by 2045, enough electricity to power 3.75 million initially and 25 million homes by mid-century, according to a [news release](#).

California is home to some of the best [offshore wind resources](#) in the country, a power source that can play a major role in helping the state achieve 100% clean electricity and carbon neutrality. Offshore wind is a critical clean energy source at night complementing solar energy by providing generation at the end of the day and into the evening as the sun sets.

The CEC developed the report in coordination with federal, state, and local agencies and stakeholders including Tribal governments, fisheries, and other ocean users. It is the first of several products the CEC must prepare to create a strategic plan for offshore wind energy development as required by Assembly Bill 525. It reflects the latest available research on technical potential. [Read more.](#)



NSPE's **Job Board** is your one-stop resource for professional engineering employment. Whether you are on the hunt for your next career move or looking for today's top engineering leaders and talent, you will find it here.

The latest California jobs are pulled from the NSPE Job Board and appear on the NSPE-CA website. New career opportunities are also posted through NSPE-CA social media profiles on [Twitter](#), [LinkedIn](#), and [Facebook](#).

Featured Jobs

[Senior Civil Engineer](#)

Madera, CA

[Parks & Public Works Director/City Engineer](#)

San Marino, CA

[Senior Mechanical Engineer](#)

Oakland, CA

Find more job openings or reach the right employees on the [NSPE Job Board](#).

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Honoring Excellence in the Profession

NSPE members were honored for their outstanding contributions to the profession during NSPECon22 in Philadelphia.

NSPE Award

Howard (Skip) Harclerode II, P.E., F.NSPE, F.AICHe, received the Society's most prestigious award presented to a professional engineer who has been committed to the profession, public welfare, and humankind. Harclerode, the founder and president of KBD Engineering Company Inc.,

based in Phoenix, Maryland, has been an active member of NSPE and the Maryland Society of Professional Engineers since 1980. He is also a past chair of the Maryland Board for Professional Engineers.



Engineering Education Excellence Award

Mohamed El-Sayed, Ph.D., P.E., a professor of mechanical engineering at Eastern Michigan University, received this award for licensed engineering faculty who have demonstrated the ability to link engineering education with professional practice. El-Sayed has vast technical and industrial expertise in the areas of vehicle realization, quality, reliability, durability, and optimization. He has also worked in various positions in the automotive industry. He has several granted patents, one authored book, and over a hundred technical and educational publications.



New Professional of the Year Award

This award recognizes a young NSPE member who has made outstanding contributions to the engineering profession and the community during the early years of one's career.

Holly Ahumada, P.E., CFM, is employed with Freese and Nichols in the firm's stormwater group. Throughout her career, Ahumada has specialized in stormwater and floodplain management, as well as supporting public entities with long-term planning, and the analysis and mitigation of flooding issues. She is an active member of the Fort Worth Chapter of the Texas Society of Professional Engineers and serves as the chapter's president.



Dylan Ward, P.E., MPA, is a project manager for the City of Henderson in Kentucky and oversees the Engineering, Mass Transit, and Safety/Training divisions. For the Kentucky Society of Professional Engineers, he serves as vice president for the Western Region and is president of the Green River Chapter.



Fact Check: The Myths of Anti-Licensing

Time and again, calls for anti-licensing return to a handful of myths and purported problems that can only be solved by drastically weakening or outright eliminating licensing. The NSPE-led [Alliance for Responsible Professional Licensing](#) takes a closer look at those myths and sets the record straight.

Myth #1: Education requirements to obtain licenses are too onerous and arbitrary.

Fact: Some occupations are rightly calling for a careful review and recalibration of the education requirements to become licensed. This is what should be done. It is not, however, what anti-licensors are calling for. What anti-licensing seeks to do is broadly and arbitrarily lower education standards for all professions. Some proposals go so far as to disallow minimum education requirements for highly complex, technical professions that impact public safety and welfare.

Myth #2: Licensing creates an undue burden for spouses of military personnel who have to contend with red tape and new costs every time they move.

Fact: Well-designed professional licensing systems already include interstate practice and mobility and provisions for military spouses. The real threat comes from “universal licensing” proposals that would dilute existing mobility systems that have been working well for military personnel and the public for decades. What’s more, some of these proposals impose arbitrary residency requirements that create new barriers to practicing that would otherwise not exist. Most importantly, “universal licensing” will create a race to the bottom, hurt the public’s welfare, and create business insurance and liability implications.

Myth #3: Licensing creates barriers to employment for women, minorities, and the socio-economically disadvantaged.

Fact: Licensing helps level the playing field for women and minorities. A 2021 study by Oxford Economics finds that licensing narrows the gender-driven wage gap by about a third and the race-driven wage gap by about half. In any industry, responsible licensing systems create well-defined career paths for workers—regardless of gender or ethnicity—and opportunities to achieve higher earnings.

Myth #4: Licensing is anti-competitive.

Fact: Licensing is pro-consumer and pro-competition because it enables consumers to choose from a pool of qualified licensed professionals. These qualifications are verified upfront by independent licensing boards composed of experts in a given professional field. Licensing also helps level the playing field for women and minorities, increasing fairness, competition, and merit-based career opportunities.

[Read more on the truth about professional licensing.](#)

EJCDC Documents: 2022 Construction Manager as Advisor Series

The Engineers Joint Contract Documents Committee has released the [2022 Construction Manager as Advisor Series](#). This series is completely new to EJCDC and is intended for projects in which the owner's primary representative during construction will be the Construction Manager as Advisor (CM).



The CM as Advisor Series is an alternative to the use of the EJCDC Construction Series, in which the engineer that prepared the design subsequently serves as the owner's construction contract administrator. The CM as Advisor Series is comprised of contract documents, administrative forms, bonds, bidding, and procurement documents.

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