

State News for NSPE Members

Licensing Board Seeks Input on Civil Engineering Practice

The [California Board for Professional Engineers, Land Surveyors, and Geologists](#) is conducting surveys on civil engineering professional practice in the areas of engineering surveying and seismic principles.

Engineering Surveying

The board would like licensed engineers with professional experience as it relates to the practice of civil engineering with respect to engineering surveying in today's workplace to [take a survey](#) by **May 27**. The results of the questionnaire will assist the board with the development of the California Civil - Engineering Surveying exam for the purposes of issuing a civil engineer license.

Seismic Principles

The board would like licensed engineers with professional experience as it relates to the practice of civil engineering with respect to seismic principles in today's workplace to [take a survey](#) by **June 10**. The results of the questionnaire will assist the board with the development of the California Civil - Seismic Principles exam for the purposes of issuing a civil engineer license.

LA County Gets \$441 Million to Modernize Wastewater Infrastructure

The US Environmental Protection Agency is providing a \$441 million Water Infrastructure Finance and Innovation Act (WIFIA) loan to the Los Angeles County Sanitation Districts (Sanitation Districts) to support the Joint Water Pollution Control Plant Effluent Outfall Tunnel Project ("Clearwater Project").

The Clearwater Project will protect local waterways and public health by addressing problems with aging wastewater infrastructure, according to a [news release](#). The two existing tunnels that carry effluent from the Joint Water Pollution Control Plant are beyond their useful life and do not meet current seismic standards. If they fail, the treatment plant might need to discharge sewage into

surrounding waterways. This project will combine the two aging outfall tunnels into one new 18-foot diameter, 7-mile-long tunnel designed to current seismic standards. It will have sufficient capacity for the high flows experienced during major storms. By completing this project, the Sanitation Districts will ensure reliability for a sewerage system that 5 million people in the county depend upon.

The Sanitation Districts will save approximately \$76 million by financing with a WIFIA loan. Construction is expected to be completed in 2027. Construction and operation are expected to create approximately 2,880 local jobs.

State Air Resources Board Releases Draft Climate Action Plan

The California Air Resources Board (CARB) released a draft plan to guide the state's transition to a clean energy economy, drastically reduce the use of fossil fuels, achieve carbon neutrality by 2045 or sooner. The goal is to significantly clean the state's air especially in disadvantaged communities disproportionately burdened by persistent pollution, according to a [news release](#).

The [draft 2022 Climate Change Scoping Plan](#) is the third update to the state's initial 2008 Scoping Plan. It identifies a technologically feasible, cost-effective and equity-focused path to achieve carbon neutrality over the next two decades while also assessing the progress the state is making towards reducing its greenhouse gas emissions by at least 40% below 1990 levels by 2030.

Release of the draft plan triggers a formal 45-day public comment period. During this public comment period, the Environmental Justice Advisory Committee may provide additional input on the draft plan. CARB will consider the plan in June and may then provide direction to staff, with an additional period of public comment and engagement prior to the second meeting of the board in the fall to consider adopting a final draft of the plan.



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

[Licensed Senior Civil Engineer](#)

Irvine, CA

[County Engineer](#)

Sacramento, CA

[Multiple Civil Engineering & Project Management Positions](#)

Petaluma, 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](#).

Register Now for NSPECon 2022 Reimagined



Engineers from all disciplines are invited to register for the [2022 NSPE Professional Engineers Conference](#) (NSPECon 2022) in Philadelphia, August 1-3. Invited speakers will address sustainability, emerging technology, the post-covid workplace and even, construction on the moon. Whether you are a licensed professional engineer, aspire to be one or, would like to learn more about a career as a qualified and ethically accountable professional, you are invited to join this multi-discipline community to engage with colleagues and hear more about relevant engineering topics.

Prospective conference sponsors and exhibitors will see [newly created opportunities](#) to highlight their companies and organizations throughout the conference. Sponsors can welcome attendees to the “Feel the Philly Love” opening reception, support a conference education track featuring seven unique sessions, or demonstrate how their solutions help clients overcome specific challenges by exhibiting.

On the final day of the conference, attendees can celebrate [PE Day](#) in person and raise awareness about the importance of PEs as qualified and ethical professionals. Before you go, make certain you are geared up with [PE Day logo wear](#) to show your pride on-site.

2022 QBS Award Nominations Open

ACEC and NSPE are seeking nominations for the [QBS Awards program](#), which recognizes public and private entities that make exemplary use of the qualifications-based selection process at the federal, state, and local levels.

Award winners [serve as examples of how well the QBS process works](#), and they help ACEC and NSPE promote the practice of QBS in jurisdictions that do not use, or underuse, QBS to procure engineering services. A maximum of one QBS Award may be presented to the federal government sector, the state government sector (includes all governmental units under the state level), and nongovernment sector.

Nominations may originate from an ACEC member organization, an NSPE state society, a public or private entity, or an individual in the public or private sector. Self-nomination is not permitted.

Nominations and supporting materials are due by **Friday, June 17** (COB). [Access the nomination form and instructions](#).

Scholarships Open for Applications

The Swadesh and Om P. Popli, P.E., P.L.S. Scholarship and the William R. Kimel, P.E., Engineering Scholarship are accepting applications from students pursuing engineering degrees in the fall. The application deadline is **June 15**.

The [Swadesh and Om P. Popli, P.E., P.L.S. Scholarship](#) is a multi-year scholarship that will provide \$5,000 each year of the recipient's four-year education. Applicants must be a female high school senior from an underrepresented ethnic minority (African American, Hispanic, Native American, or Pacific Islander) pursuing a degree in civil, electrical, or mechanical engineering at an ABET-accredited program.

The [William R. Kimel, P.E., Engineering Scholarship](#) is a \$2,500 scholarship awarded annually to an undergraduate student who is a resident of either Kansas or Missouri and enrolled as a junior in an ABET-accredited engineering program in a college or university in either Kansas or Missouri.

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