

State News for NSPE Members

State Licensing Board Meeting

The [California Board for Professional Engineers, Land Surveyors, and Geologists](#) will hold meetings **June 23-24**.

Access the meeting official notice and agenda [here](#).

Clean Energy Research Program Funds \$1 Billion of Innovative Projects

As California's premier public-interest clean energy research and development program enters its 10th year and surpasses \$1 billion in investments, a [new report](#) shows how it is helping the state address the climate challenge while attracting investment and creating jobs.

The California Energy Commission's Electric Program Investment Charge (EPIC) program invests more than \$130 million annually on projects that advance the environmental sustainability, reliability, and affordability of the electric system, according to a [news release](#).

Since 2012, EPIC has supported more than 430 projects with \$1 billion in funding resulting in \$7.8 billion in private investment raised by awardees ranging from major universities to small start-up companies.

"The EPIC program represents the best of California's entrepreneurial spirit by bringing clean energy innovation from the lab to the marketplace," said CEC Chair David Hochschild. "These technologies and tools are helping the state address our most pressing climate and energy challenge while benefitting electric ratepayers." [Read more](#).

US Senate Adopts Resolution to Boost Latino Representation in STEM

The US Senate adopted a [bipartisan resolution](#) introduced by Senators Alex Padilla (D-CA) and John Cornyn (R-TX) to express support for increasing the number of Latino students and young professionals entering careers in STEM. The resolution has also been introduced in the House by Representatives Tony Cárdenas (D-CA-29) and Maria Elvira Salazar (R-FL-27).

Latinos make up 17% of the overall workforce in the US, but represent less than 8% of the workforce in all STEM fields. A recent report published by the Bureau of Labor Statistics predicts Latinos will grow from 17% of the workforce in 2017 to 22.4% in 2030 and to 30.3% in 2060, according to a [news release](#).

"As a Latino graduate of the Massachusetts Institute of Technology, with a degree in mechanical engineering, I understand the importance of making careers in STEM more accessible to communities of color," said Padilla. "America benefits from a strong and diverse workforce. This resolution is a good step toward recognizing the work we must do to encourage and support more Latinos to pursue STEM careers."

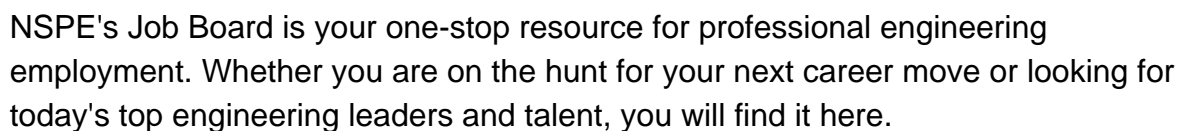
The resolution does the following

- Supports the goal of increasing Latino individuals in science, engineering, technology, and mathematics as a way to promote economic empowerment and sustainability, not only in their community, but in the overall American economy;
- Supports increasing the representation of Latino individuals in STEM fields to enhance and improve representation and improve performance in the STEM workforce, which will help develop talented and capable STEM workers; reduce the dependence of the economy of the US on foreign workers; and secure the future of the US as a leader in STEM;
- Encourages increased federal support for initiatives aimed at boosting the number of Latino students who pursue STEM education and career paths, particularly engineering; and
- Recognizes the important role that Hispanic-serving institutions and all colleges and universities must play in order to achieve this goal of increasing Latino individuals in STEM.

Is Recycled Wastewater the Answer to California's Water Shortage?

An exceptional drought season means California enters the summer under mandatory water use restrictions for the first time since 2015. Increasingly light snowfall sends less fresh water to be treated and distributed as fully drinkable water, making new methods of purifying water a vital priority. In fact, nearly 60% of the state is suffering from "extreme drought" conditions, according to the National

Enter Dan McCurry, assistant professor of Civil and Environmental Engineering at the USC Viterbi School of Engineering. McCurry is an environmental engineer who specializes in wastewater reuse and drinking-water treatment. *USC News* spoke with him about the water restrictions, the different types of wastewater and whether he meets the new state requirements for personal water use. [Read more.](#)



Featured Jobs

Millbrae, CA

San Pablo, CA

Los Angeles, CA

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

Engineers from all disciplines are invited

to register for the [2022 Professional Engineers Conference](#) (NSPECon 2022) in Philadelphia, August 1-3. Early-bird registration is available until June 30.

Invited speakers will address sustainability, emerging technology, the post-covid workplace and even, construction on the moon. Licensed professional engineers and those aspiring to be one are invited to join this multi-discipline community to engage with colleagues and hear more about relevant engineering topics.



Sponsorship and Exhibitor Opportunities

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.

PE Day

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 attending, everyone is invited to gear up with [PE Day logo wear](#) to show PE Pride at the conference.

Call for 2022-2023 Volunteers

Volunteers are the [heart of NSPE](#) and essential to helping the Society carry out its [vision and mission and meet the goals of the strategic plan](#) . Volunteer positions begin in mid-August and end at the 2023 Professional Engineers Conference.

There are three types of volunteer opportunities:

- **Level 1 (Highest Engagement)–Standing Boards and Committees**
Often includes attending at least one in-person meeting. Most meetings held via video conference. Terms may be up to three years.
- **Level 2 (Intermediate Engagement)–Ad Hoc Committees and Task Forces**
Activities primarily include online correspondence and video conference

meetings.

- **Level 3 (Lowest Engagement)–Ad Hoc Volunteer**
Volunteer on a project-by-project basis.

[Submit an application by July 15 to be considered for a 2022-2023 term.](#)

House of Delegates Virtual General Assembly and Annual Meeting

The House of Delegates Virtual General Assembly will be live streamed on [NSPE's YouTube channel](#) for members on **June 30** (2:00 p.m. – 4:00 p.m. EST). Following the live stream of the General Assembly, NSPE members will have an opportunity to ask questions and talk with President-Elect Britt Smith, P.E., F.NSPE, and CEO Monika Schulz through a Reddit style AMA (Ask Me Anything) format in the [Annual Meeting online community](#). All members are welcome.

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22314**

