State News for NSPE Members

Welcome New NSPE-CA Members

NSPE-CA would like to give a warm welcome to our newest professional members!

October 2023

Daniel Rojas Estevez, EIT, civil engineer, San Diego **Christopher Wittman, P.E.**, Commander, Operations Flight, USAF, Lompoc

State Licensing Board Seeks Traffic Engineering Expertise

The California Board for Professional Engineers, Land Surveyors, and Geologists seeks the expertise of professional engineers as it relates to the practice of traffic engineering with respect to today's workplace. The results of a questionnaire will assist the board with the development of the Traffic Engineer exam for the purpose of issuing a traffic engineer license. Click here to access the survey and participate before the December 10 deadline.

The Portal (Downtown Rail Extension) Presentation and Opportunities

NSPE-California and the Transbay Joint Powers Authority recently held a virtual information session on The Portal, also known as the Downtown Rail Extension (DTX). Access a PDF of the presentation here.

The Portal is a transformational infrastructure investment that will extend Caltrain commuter rail from its current terminus at Fourth and King streets and ultimately deliver the California High-Speed Rail Authority's statewide service to the multimodal Salesforce Transit Center in downtown San Francisco. Please visit TJPA.org for additional information about The Portal's upcoming contract opportunities, and register to receive alerts. If you are interested in contract opportunities, register here.

More Upcoming Events!

November 30, 2023 (Noon-1:00 p.m.)

BPELSG License Enforcement Issues (Zoom)

Register Now!

December 8, 2023 (10:00 a.m. - 11:00 a.m.)

Sierra Nevada Brewery Tour - Chico, California

Register Now!

TBD January 2024 (Noon -1:00 p.m.) Ethics Issues (Zoom)

February 19, 2024

San Diego Engineers Week Awards Banquet

Learn More.

February 22, 2024 (Noon - 1:00 p.m.) Careers with Caltrans (Zoom)

As details are finalized and registration opens, events and links will be listed on the NSPE-CA home page.

Events Task Force Meetings

All NSPE-CA members are invited to participate in events planning sessions as their schedules allow. The next session will take place from 4:00 p.m. – 5:00 p.m. on **December 5**. Email Executive Director Jeanne Marie Tokunaga, CAE, at admin@nspe-ca.org to receive the Zoom login information.

There's No Drought Anywhere in California How long that's expected to last, and why.

Less than a year after facing historic water shortages, California this week was declared drought-free thanks to a year of epic rains, with an El Niño forecast that could keep wet conditions going into 2024, the *Los Angeles Times* reports.

The US Drought monitor's latest data show the vast majority of California reporting no drought as of October 17, though pockets in the northernmost and southeastern parts of the state are still considered abnormally dry.

"For the most part, California had been drought-free" for weeks, but "a little smidgen" remained, said Brian Fuchs, a climatologist at the National Drought Mitigation Center at the University of Nebraska.

A smidgen, indeed: On October 10, only 0.7% of the state was in drought. And that area — a slim portion of Del Norte County in the upper left-hand corner of the state — had been getting consistently less dry since mid-September.

Just a year ago, 99.8% of California was in some level of drought, and 43% of the state was in extreme or exceptional drought, the two most serious levels. California hasn't been completely drought-free since two fleeting periods in 2019 and 2020, which were preceded and followed by prolonged dry spells. Read more.

California Sees Unprecedented Growth in Energy Storage

New data show California is surging forward with the buildout of battery energy storage systems with more than 6,600 megawatts (MW) online, enough electricity to power 6.6 million homes for up to four hours. The total resource is up from 770 MW four years ago and double the amount installed just two years ago, according to a California Energy Commission (CEC) news release.

Details of the energy storage fleet, a key component in the state's transition to 100% clean energy by 2045, are now available in a new online dashboard unveiled by the CEC. The dashboard presents statewide information for the first time and features data on more than 122,000 residential, commercial, and utility-scale battery installations. CEC staff is tracking another 1,900 MW of energy storage projects expected to be online by the end of the year for a total of 8,500 MW. This dashboard presents statewide data for the first time including residential, commercial and utility-scale installations.



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.

Featured Jobs

Director of Public Works/Road Commissioner Auburn. CA

Senior Electrical Engineer - Hetch Hetchy Water & Power Moccasin/Oakdale, CA

Electric Program Manager Santa Clara, 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**.

Check Out the Latest Issue of PE

Future Forward

Emerging technologies such as artificial intelligence and nanotechnology are revolutionizing the world. But these technologies are developing at a pace much faster than can be effectively absorbed into critical engineered infrastructure. The NSPE Emerging Technologies Committee is laser focused on ensuring that new technologies can benefit society and the profession with minimal risk to safety and security.



Claiming a Seat at the Table

Does it ever seem like your ideas go unnoticed? Do you sometimes feel like you have stalled in your organization? Does it seem like your team is not getting the support it needs? If you want to "claim a seat at the table," how you show up, use your influence, and communicate can be the difference between winning opportunities or not.

Access the full issue online. Members who subscribe to the digital edition of *PE* can also access the current and back issues.

Engineers Week 2024 — Welcome to the Future!

Founded by NSPE in 1951, Engineers Week (February 18–24, 2024) is dedicated to ensuring a diverse and well-educated future

engineering workforce. The latest theme for Engineers Week — **Welcome to the Future!** — seeks to inspire the next generation to play a vital role in innovating solutions to global challenges that impact future generations. By working together to develop new technologies, products, and opportunities, engineers create new possibilities that make the world a better place.



Engineers Week is a time for you to:

- Celebrate how engineers make a difference in our world.
- Add your voice to the conversation about the need for engineers, technicians, and technologists.
- Engage students in engineering.

Access promotional resources.

Share Your Views: Outreach to the Next Generation

What are you doing to promote the engineering profession to young people? Send your comments (250 words or less) to pemagazine@nspe.org.

You received this e-mail because you are subscribed to *PE Matters* e-newsletter.

To update your e-mail address, visit www.nspe.org and login to manage your account.

If you do not wish to receive any more issues of PE Matters, click here to unsubscribe .

Share with your network



National Society of Professional Engineers | 1420 King Street | Alexandria, VA 22314

