

State News for NSPE Members

Upcoming NSPE CA Event—SoFi Stadium Tour



NSPE-CA is gearing up for a full year of events—starting with a customized tour of the new [SoFi Stadium](#) with content just for engineers! The stadium (located in Inglewood) hosts various sporting and entertainment events and is home to the Los Angeles Rams and Los Angeles Chargers.

[Mark your calendars](#) now to attend on **Sunday, August 14**. Registration information will be coming soon.

Interior Department Approves Clean Energy Transmission Project

The US Department of the Interior has approved construction of the Ten West Link Transmission Line project, which will facilitate increased renewable energy development and delivery in Arizona and California. The project represents another significant milestone in efforts to lower consumers' energy costs and modernize America's power infrastructure in the West by permitting at least 25 gigawatts of solar, wind and geothermal production on public lands by 2025, according to a

[news release](#).

The Ten West Link route traverses a region with some of the highest potential for utility-scale solar photovoltaic energy development in the nation. The project will provide critical transmission infrastructure to support the development of future utility-scale solar energy resources and will boost the reliability of the bulk power system for millions of customers in Central Arizona and Southern California.

The Bureau of Land Management's Notice to Proceed authorizes Delaney Colorado River Transmission, LLC, to begin construction of the 125-mile, 500-kilovolt transmission line that will connect existing substations near Tonopah, Arizona and Blythe, California.

California Bullet Train Gets \$4.2 Billion Green Light

In a breakthrough for the country's most expensive public infrastructure project, California's bullet train finally appears to have the money and the legal approval to complete its first leg. What remains a challenge is how to link that initial 171-mile route through the state's Central Valley agricultural heartland to population centers in Los Angeles, San Francisco, and San Jose—and how its designers will overcome California's mountainous terrain and seismic risks, according to a [Forbes article](#).

State legislators agreed last month to release \$4.2 billion earmarked for the train's first phase, between midsize cities Bakersfield, Fresno, and Merced. The project may also benefit from more than \$2 billion of federal Bipartisan Infrastructure Law funds set aside for passenger rail. Extending service to the San Francisco Bay Area and Los Angeles would boost the amount of track to 500 miles and the train's total price tag to as much as \$105 billion. That's far above an initial estimate of about \$40 billion when California voters approved a \$10 billion bond measure to help build it in 2008. [Read more](#).

PFAs Found in Drinking Water Near DOD Sites

Recently released data from the Department of Defense show high levels of per- and polyfluoroalkyl substances (PFAs) found in drinking water near military bases, including in California, [waterworld.com reports](#). The EPA says no level of the toxic, cancer-causing chemicals are considered safe for human consumption.

The chemicals were found in groundwater near 400 military installations in 18 other states, as well.

In June, the EPA issued four drinking water health advisories relating to PFAs. To help combat PFAS pollution, it has also invited states to apply for part of \$1 billion

in funding to address contaminants in drinking water, specifically in small or disadvantaged communities. An additional \$4 billion will ultimately be available for this purpose as part of infrastructure law grant funding.



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

[Deputy Director – Engineering Services](#)

Santa Rosa, CA

[Mechanical Systems Engineer](#)

Livermore, CA

[Principal Civil Engineer](#)

San Marcos, 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](#).

Missouri PE Takes the Lead of NSPE

Britt Smith P.E., F.NSPE, has started his term as NSPE's 2022–23 president. A formal installation ceremony will take place during the Professional Engineers Conference in Philadelphia on August 2.



“I can say honestly that I could not be more humbled to be the next president of NSPE,” Smith stated during the recent House of Delegates General Assembly. “I never dreamed that I would be in this position but knew that I wanted to just give back to the profession that has provided so much for me and my family.”

Smith is currently the operations division director for the City of Jefferson, where he manages all aspects of operations related to streets, parking, central maintenance, city facilities, and the airport, and leverages all available resources to accomplish the varying missions of each division. He also has experience as an engineering consultant and served in the US Army. Smith graduated from the Missouri University of Science and Technology (formerly the University of Missouri – Rolla) with a bachelor’s degree in aerospace engineering.

Since becoming a member of NSPE and the Missouri Society of Professional Engineers in 1997, Smith has held many volunteer leadership positions with the Society including serving on the Committee on Policy and Advocacy, the Honors and Awards Committee, the Delivery System, Communication, and Technology Task Force, and as Missouri’s representative to the House of Delegates. Smith was named an NSPE Fellow in 2016. In Missouri, he served in a variety of chapter and state-level leadership positions, including as the 2011-2012 state president and president of the Jefferson City Chapter in 2001.

A strong dedication to volunteering also extends into Smith’s local community where he is involved with the United Way of Central Missouri and as a counselor for the Jefferson City Marriage Encounter. He has previously dedicated many years to the local Boy Scouts troop and as a volunteer baseball/softball coach.

Reconnect at NSPECon 2022

Attendance at [NSPECon 2022](#) in Philadelphia, August 1-3, is the best opportunity to engage and learn with your colleagues. The conference features multiple education tracks in leadership, trends in the industry, and career development. [Registration is open until July 28.](#)

Featured Keynote Speaker



Commander Mary Kelly, US Navy (Ret.), Ph.D., CSP, CPAE, will present “6-5-7: The 6 Stages of Any Crisis, Challenge, or Change, the 5 Steps to P.I.V.O.T. for Success, and 7 Leadership Reminders To Lead Through It.” Registered attendees will receive exclusive access to an online vault full of bonus resources from Commander Kelly.

Conference Session Highlights

- [You Want Me to Lead WHO to do WHAT? Lessons from the Frontlines of Engineering Leadership](#)
- [Reliability and Resilience of Energy Systems under Extreme Weather Events](#)
- [Generation Next: Engaging Multi-Generational Engineers](#)
- [Defending the License](#)
- [Career Development in Practice, Not Theory](#)
- [PE Day Luncheon & Panel Discussion: Engineering Challenges of the 21st Century](#)

[Access the full NSPECon program.](#)

PE Day is Coming!

Celebrate licensure and the profession with PEs around the world on Wednesday, August 3, during the seventh annual [Professional Engineers Day](#)! Whether you plan to celebrate PE Day at home, in the office, or with your peers at the NSPECon 2022 in Philadelphia, you can show off your PE pride by sporting some PE Day logo wear for this year's event.

NSPE's [apparel shop](#) features the PE Day logo on a variety of items including many styles of t-shirts and other apparel for men, women, and kids, as well as accessories like mugs, notebooks, tote bags, wall prints, and even phone cases.



[Shop now to celebrate in style!](#)

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22314**

