

State News for NSPE Members

2022 Professional Engineers Act and More

The California Board for Professional Engineers, Land Surveyors, and Geologists has posted [the 2022 edition](#) of the Professional Engineers Act, the Geologist and Geophysicist Act, and the Professional Land Surveyors Act, and their related regulations.

NCEES Exams Update

All NCEES exams will be administered via Computer-Based Testing (CBT), with the exception of the Structural Engineer (SE) exam. Please [contact NCEES](#) with any questions regarding their exams.

The PE 16-hour Structural exam will be the only exam offered in pencil-and-paper format, and it will be offered at select locations beginning with the April 2022 administration. The [pencil-and-paper exam](#) will be administered on April 21 and 22. Registration will close for examinees at 3 p.m. (ET) on February 24.

Governor Introduces Blueprint Investments for Infrastructure and Clean Transportation

On January 13, Governor Gavin Newsom introduced his California Blueprint's major [investments in transportation and infrastructure](#) while visiting the Santa Clara Depot rail station—highlighting the plan's \$9.1 billion in funding for climate-friendly clean transit projects that will create thousands of jobs.

The Blueprint also includes \$2.3 billion to support ports and goods movement throughout the state and an additional \$6.1 billion to accelerate the state's transition to zero-emission vehicles, creating a total package of \$10 billion that will invest in affordable cars, clean trucks and buses.

[Read more.](#)

Federal Agency Approves Oberon Solar Project

The Bureau of Land Management has approved the Oberon Solar Project, which will generate up to 500 megawatts of renewable energy and have capacity for 200 megawatts of battery storage. The project will be built on approximately 2,600 acres of BLM-managed public lands near Desert Center in eastern Riverside County, according to an [agency news release](#).

The decision authorizes a right-of-way for Oberon Solar LLC to construct, operate, maintain, and decommission a photovoltaic solar facility. The project will create 750 union construction jobs and eight permanent jobs.

The project will be located within an area analyzed and identified as suitable for renewable energy development as part of BLM's Desert Renewable Energy Conservation Plan Land Use Plan (DRECP) Amendment. Oberon Solar is one of three DRECP projects [announced](#) by the Department of the Interior in December 2021, which represent the first to be approved.

The Oberon Solar Project is part of the Biden-Harris administration's efforts to achieve 100% carbon-free electricity by 2035 and meet the Energy Act of 2020 goal of permitting 25 gigawatts of renewable energy on public lands by 2025.

USC Program Seeks to Foster More Ethical Engineers

The USC Viterbi School of Engineering has launched an [Engineering in Society Program](#) to equip students with a better understanding of their ethical and civic responsibilities in connection with the practice of engineering.

The Engineering in Society Program mission is to distinguish a USC Viterbi engineering education by connecting a student's discipline with its societal impact across their undergraduate education, anchored in courses available to all students and in extra-curricular opportunities. The program also embraces a holistic approach to engineering education—grounded in the liberal arts, taught through innovative practice, cultivating character as an inherent ingredient to engineering education, and integrated with USC Viterbi's strong technical curriculum.

"We should be preparing students not only with outstanding technical competence, but also with character, which together with competence spells trust," USC Viterbi Dean Yannis C. Yortsos said. "USC Viterbi aspires to create a model engineering education that accompanies outstanding technical competence with outstanding character, thus leading to the creation of trust, sorely needed in today's world."

Specifically, the program focuses on communication skills (for undergraduates and graduates), ethics (through courses, modules, and extra curriculars), and engineering education (through teaching and research).

[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

[Director of Public Works/City Engineer](#)
Encinitas, CA

[Professional and Staff Engineers](#)
Monrovia, CA

[Senior Hydro Engineer \(Civil, Electrical, or Mechanical\)](#)
Dobbins, 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](#).

Meet the Top 10 FEYA Nominees

NSPE is pleased to announce the 10 finalists for [the 2022 Federal Engineer of the Year Award](#), honoring engineers employed by a federal agency with at least 50 engineers worldwide. All have made extensive contributions to their organizations and also to the public that PEs ultimately serve.

The winner of this year's award will be announced February 24 and will be selected from the following finalists.

MAJ John M. Kulikowski, P.E.

US Department of the Air Force, Pacific Air Forces

Position: Engineering Flight Commander (Director, Engineering Design & Construction) 51st Civil Engineer Squadron, Osan Air Base, Republic of Korea

LCDR Joshua M. Lewis, P.E.

US Department of the Navy, Naval Facilities Engineering Systems Command

Position: Operations Officer for Officer In Charge of Construction, Marine Corps Base Marianas, Guam

Eric Marshall, P.E.

US Department of the Army, US Army Corps of Engineers

Position: District Commander, Honolulu District, US Army Corps of Engineers

LCDR Chaolong Qi, Ph.D., P.E.

US Department of Health and Human Services, Centers for Disease Control and Prevention

Position: Senior Research Engineer

LCDR Gary J. Riley, P.E.

US Department of Interior, National Park Service

Position: Environmental Engineer and Program Manager

Christopher L. Saucier, P.E.

Tennessee Valley Authority

Position: Principal Project Manager

Davood (Dave) Tashakkori, P.E.

US Department of Veterans Affairs, Office of Construction & Facilities Management

Position: Senior Mechanical Engineer

LCDR Michael Wandersee, P.E.

US Department of Interior, US Fish and Wildlife Service

Position: Project Engineer

James V. Works, P.E.

US Department of the Air Force, Air Force Civil Engineer Center

Position: Air Force Fuels Infrastructure Subject Matter Expert.

Robert F. Zueck Ph.D., P.E.

US Department of the Navy, Naval Engineering Systems Command

Position: Structural Engineer

Engineers Week 2022: Reimagining the Possible!

Engineers Week (February 20–26) is a time to recognize the critical work of engineers, technicians, and technologists. Engineers Week was founded by NSPE in 1951. This year's theme—**Reimagining the Possible!**—pays tribute to engineers for the new possibilities they create all the time. From green buildings to fuel-efficient cars to life-saving vaccines, engineers work together to develop new technologies, products and opportunities that change how we live.

Here's how you can celebrate and inspire the next generation to become the engineers who turn dreams into reality.



Join the social media parade #Eweek2022 #WhatEngineersDo.

Post photos of your team, engineering projects, and even selfies! Share a message about engineering's vital role in innovating solutions to global challenges, the value of engineers, or engaging students in engineering.

Host an Engineers Week event.

It can be as simple as coffee or lunch with a few colleagues to hosting an organization-wide celebration. Recognize individuals to honor their achievements—in person, online, or by nominating them for an award. Invite an inspiring speaker to deliver a virtual or live talk during Engineers Week.

Advocate for the field.

Ask your mayor, governor, or congressional representative to issue [a proclamation](#) recognizing the contributions of engineers. Work with your corporation, society, or college communications team to post a message from leadership.

Lead STEM activities.

Leading open-ended STEM activities is a great way to engage students in the engineering design process. Students at Engineers Week and Girl Day events say activities are their favorite thing (they like the snacks too!) and they want to do more.

On January 20, DiscoverE will host an outreach webinar to help plan in-person and virtual events for Engineers Week and Girl Day 2022. Register [here](#).

[Get More Ideas to Celebrate Engineers Week.](#)

New 15 Free Webinars for Members

To help members meet their continuing education requirements, NSPE issued a new slate of 15 free webinars on January 15.

1. Climate Action for Engineers Series: ACC Overview*
2. Climate Action for Engineers Series: Categories of Action*
3. Cyber Security Essentials*
4. Emotional Intelligence at Work
5. Engineering Ethics – Objectivity and Truthfulness, Public Health and Safety, Signing and Sealing of Engineering Drawings and Misrepresentation*
6. Engineering Ethics – Conflicts of Interest, Licensure, Confidentiality and Public Criticism*
7. Engineering Ethics – Disclosure, Payment, Expert Testimony and Conflicts of Interest*
8. Engineering Leadership Success by Design
9. Ethics in our Changing World*
10. Fire Protection Engineering in Property Risk Management*
11. Negotiate It! How to Crush Your Fears, Develop Your Negotiation Muscle, and Gain Power in the Workplace
12. The Physics of the Yellow Traffic Signal*
13. Too Many Crashes at Your Roundabout? Learn Design Technique*
14. Tools to Ensure Effective Litigation Preparation
15. Turn Your Ideas Into Gold

** Approved for continuing education credit in New York by the Practicing Institute of Engineering*

NSPE's 15 free webinars for 2022 are posted [here](#).

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