

## State News for NSPE Members

### Upcoming Society Board of Directors and Annual Membership Meeting

All NSPE-CA members are welcome to attend the NSPE-CA Board of Directors and Annual Membership meeting on Friday, **June 18** (3:30 p.m.-5:30 p.m. PT).

Please join us to learn more about your association, including how you can develop your leadership skills by becoming more involved.

[Save the date.](#)

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### The Reliance Advantage Webinars

A coalition of California government and business organizations have joined forces to present a free webinar series that will feature leading experts in structural engineering, seismology, architecture, business, construction, development, financing, government, law & risk management.

#### Featured Webinars

- [May 19: The Science and Innovation of Resilience](#) (11 a.m. - 12:30 p.m. PT)
- [June 16: Knowledge is Power—How Ratings Systems Deliver Resilience](#) (11 a.m. -12:30 p.m. PT)
- [July 21: Resilience Policy and Incentives](#) (11 a.m.-12:30 p.m. PT)

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### Governor Releases \$100 Billion California 'Comeback Plan'

*The plan outlines funding goals for infrastructure and climate change projects*

On May 14, Governor Gavin Newsom released a [\\$100 Billion California Comeback Plan](#) with strategies and major investments in key areas to fast forward the state's recovery. The plan addresses the COVID-19 pandemic, housing affordability, public education, infrastructure projects, and challenges around wildfires and

climate change.

Here are highlights from the plan

- A \$7 billion investment to expand broadband infrastructure and to increase access and achieve affordability.
- A \$11 billion investment to build a modernized and sustainable transportation system for the next century—roads, bridges, high-speed rail, ports, and public transportation, including projects for the 2028 Olympics.
- \$2 billion in emergency preparedness investments to deal with wildfires, which includes purchasing new firefighting equipment like airplanes and helicopters, as well as investments in land and forest management projects that save lives.
- A \$3.2 billion package to accelerate California's zero-emission vehicle goals and a \$1.3 billion investment to prepare for extreme heat, sea level rise and environmental justice priorities like oil well capping, toxic site clean-up and pollution control.
- A \$5.1 billion in drought support, water supply and natural landscape projects around the state.

[Read more.](#)

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## **Can California's Transportation System Meet Its Carbon-Neutral Goals by 2045?**

The University of California Institute of Transportation Studies (UC ITS) was selected to lead a study focusing on strategies to transition California's transportation system to a carbon-neutral basis by 2045, including transitioning to zero emission vehicles, accelerating the use of alternative fuel sources, and reducing vehicle miles traveled.

UC ITS has released a final report that outlines scenarios, assumptions, and related strategies, tools, options, tradeoffs and benefits for areas where action can be taken now. It also identifies where additional actions, targets, policies, research and technology development are needed in the medium and longer term.

The policy options outlined in the study, when combined, could lead to a zero-carbon transportation system by 2045, while also improving equity, health, and the economy.

[Access the report.](#)

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## **State Licensing Board Meeting**

The Board for Professional Engineers, Land Surveyors, and Geologists will hold a meeting on Thursday, **May 27** at 9 a.m. If necessary, the meeting will continue Friday, May 28.

Individuals that would like to [participate or observe](#) the meeting on May 27 can log on to this [website](#) (May 28 [website](#)).

[Access the meeting agenda.](#)



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**

[Mechanical Engineer](#)

San Francisco, CA

[Senior Engineer](#)

Los Angeles, CA

[Public Works Director](#)

Los Altos Hills, 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](#).*

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## **New Jersey Student Wins MATHCOUNTS Title**

Marvin Mao, an eighth-grade student

from Englewood Cliffs, New Jersey, was named the [2021 Raytheon MATHCOUNTS National Competition](#) champion during the virtual event held May 8-10. Mao will receive a \$10,000 scholarship.



This year's national competition engaged 224 students representing 56 US states and territories in four rounds: Sprint, Target, Team, and Countdown.

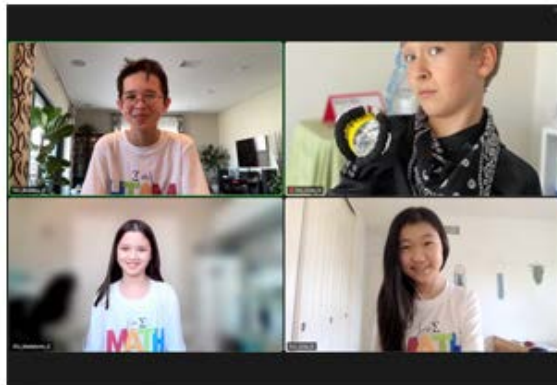
The runner-up for the individual competition was Bohan Yao, an eighth-grader from Redmond, Washington, who will receive a \$5,000 scholarship. Ten finalists will receive \$3,000 scholarships.

Mao is also a member of the first-place New Jersey team consisting of fellow eighth-grade students Evan Fan, Ying Lu, and Alexander Wang. The team will receive a trip to the US Space Camp. The California team finished in second place and the New York team placed third.

### **California Team Captures Math Video Award**

A video combining algebraic equations with an exciting heist won the [2021 Math Video Challenge](#) for a team representing the Elite Academic Academy in southern California.

Team members Bradley Carpiuc (eighth grade), Madelynn Carpiuc (sixth grade), Zoe Kim (eighth grade) and Cole Seelman (sixth grade) each won a \$1,000 college scholarship for their "[The Sanitizer Stealers](#)" video during the challenge finals on May 9. The video is about a group of thieves who steal overpriced hand sanitizer from a store.



The crime is caught on camera, and the owner uses math to piece together just how much the thieves got away with.

The Math Video Challenge is a national program sponsored by MATHCOUNTS and the Department of Defense (DoDSTEM). More than 200 students who advanced to the national level of the MATHCOUNTS competition voted to determine the winning video.

[Access the 2021 finalist videos.](#)

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## Nominations Open for the QBS Awards

Every year, ACEC and NSPE partner to administer the [QBS Awards](#), recognizing 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 promote the practice in jurisdictions that do not use or underuse QBS to procure engineering services.

ACEC and NSPE are now seeking nominations for the 2021 QBS Awards by the deadline **Monday, June 7**. The awards are administered in three categories: federal government sector; state government sector; 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.

[Learn more and download a nomination form.](#)

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## Boost Your Career with NSPE's Spring Webinars



This season's NSPE webinars will take place on Wednesdays starting at 2 p.m. EST. The webinars are available to members for \$99 (\$129 for nonmembers) and will include an online discussion and a 10-question quiz for the sessions to qualify for continuing education credit.

**May 26:** [Catapult Your Win Rate by 50%](#)

**June 2:** [Engineering Challenges of the 21st Century: A Discussion with Leaders of Engineering Change Lab – USA](#)

**June 9:** [Tools to Ensure Effective Litigation Preparation and Testimony as an Engineering Professional](#)

[Register now.](#)

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