

State News for NSPE Members

NSPE-NH 72nd Annual Engineers Week Awards Banquet & Exhibition

NSPE-NH will be celebrating the profession during the [72nd Annual Engineers Week Awards Banquet & Exhibition](#) on **Thursday, February 23**, at the [Grappone Conference Center](#) in Concord. William Cass, commissioner of the New Hampshire Department of Transportation, will be the banquet keynote speaker. Access the event registration [here](#).

Professional Development Opportunity

The event will kick off with an afternoon of education sessions (2:00 p.m. to 5:00 p.m.), providing the opportunity for attendees to earn professional development hours. Students can attend the sessions free of charge.

- *Testing of Traditional Timber Framing Truss Joinery presented by UNH Professor Ray Cook.*
- *Franklin Whitewater Park presented by Pete Walker and Annique Fleurock from VHB.*
- *Not Your Average Diverging Diamond Interchange (DDI) presented by Joe Johnson and Chris Howard from GPI.*
- *The Future of Wastewater Treatment in the Great Bay Estuary presented by Michael Curry from Wright-Pierce.*

Exhibition & Awards Banquet

The Exhibition & Awards Banquet will start at 5:00 p.m. with the following schedule

- 5:00 p.m. – 6:00 pm: Exhibits Open/Social Hour (Cash Bar & Hors d'Oeuvres)
- 6:00 pm: Opening Comments – Governor Chris Sununu (invited)
- 6:00 p.m. – 7:30 pm: Dinner and Presentation of Awards
- 7:30 p.m. – 8:00 pm: Keynote Speaker William Cass, Commissioner, NH Department of Transportation

[Register today.](#)

2023 STEM Excellence in Teaching Awards Program

NSPE-NH is accepting application packages for the STEM Excellence in Teaching Awards program until **January 31** to recognize deserving teachers at the elementary, middle, and high school levels who are promoting STEM (science, technology, engineering, and math) curriculum in the classroom. Access the application information and forms [here](#).

State Licensing Board Meeting

The [New Hampshire \(OPLC\) Board of Professional Engineers](#) will hold its next meeting on **Friday, January 27**. Access meeting information [here](#).

State Lawmakers Call for Oversight Changes, New Energy Policy

New Hampshire lawmakers are facing a long battle to make good on promises to help lower energy prices. House Republican leaders said they first want to streamline the process of how big projects are approved, according to a [WMUR9 report](#).

To bring down the high cost of energy, Governor Chris Sununu in his inaugural address offered hydropower from Canada as an option, hinting at a possible revival of a Northern Pass-style project. But GOP lawmakers said big projects are unlikely without a state oversight overhaul. "That's why it's important for us to get the site evaluation process right so that if a new project like that comes on, we'll be able to handle it efficiently and cost-effectively," said State Representative Michael Vose, R-Epping.

Democrats are continuing their push for an expansion of renewable energy sources, but they said a clearly defined energy policy might be even more important. [Read more](#).

US Army Engineer Researchers to Test Coatings That Mitigate Ice Adhesion, Corrosion

The US Army Engineer Research and Development Center's (ERDC) Cold Regions Research and Engineering Laboratory (CRREL) in Hanover, New Hampshire, announced the creation of three new facilities on Treat Island, Maine; in Fairbanks, Alaska; and in Hanover for the testing of coatings to withstand — and

even mitigate — ice adhesion and corrosion.

"These are enduring assets that will help us understand the durability of new coatings and surface treatments to transition these technologies to protect real assets in the field," said Emily Asenath-Smith, research materials engineer and lead of the Ice Adhesion Facility at ERDC's CRREL in a [news release](#).

"We'll be tracking the weather, and we'll have camera monitoring at each site, so researchers will have visual and meteorological data to pair with data on coating performance at each location," she said.

Asenath-Smith collaborated over several years with ERDC's Paint Technology Center of Expertise, led by Rebekah Wilson, at the Construction and Engineering Research Laboratory (CERL) in Champaign, Illinois, to establish the new facilities.

"CERL has had the capability to expose coatings to outdoor conditions in their environment for a long time," Asenath-Smith said. "Across the Army and the federal government, the coldest place they've tested coating technologies is in Champaign, so our new facilities are a big expansion of capabilities." [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.

NSPE provides the tools PEs need to keep current in the profession and advance their careers.

Featured Job

[Principal Transportation Planner](#)

Nashua, NH

[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](#).

NSPECon23 Call for Presentations

Share your expertise with professional engineers during [NSPECon23](#) in Louisville, Kentucky, August 2-4. Presentation proposals are being accepted on a [submissions site](#) until **January 25**. The sessions will focus on three topics: amplify your leadership human skills; stay informed about issues and trends impacting the profession; and invest in your career.



Accepted presenters will receive:

- The unparalleled opportunity to give back to the professional engineer community at a nationally recognized conference.
- Recognition on the conference website with a headshot photo, biography, and session description.
- A customized press release announcing your participation and contribution to the conference to share with your employer and/or clients.
- Assistance with (and guidelines for) promoting your session on social media outlets.
- Follow-up survey results and comments related to your presentation.

Get Ready for Engineers Week: Creating the Future!

Engineers Week (February 19–25, 2023) is dedicated to ensuring a diverse and well-educated future engineering workforce. The latest theme for Engineers Week seeks to inspire the next generation by celebrating all the way engineers are Creating the Future! A free **Countdown to Engineers Week webinar** will take place on **Wednesday, January 18**, at 12:00 p.m. to 1:00 p.m. (ET). [Register and attend the webinar](#) to receive an Engineers Week planning guide and starter pack.



[Access more information and resources.](#)

New Board of Ethical Review Cases

The NSPE [Board of Ethical Review](#) (BER) annually provides advisory opinions to provide guidance on ethical dilemmas. The Board of Ethical Review (BER) has [released a new set of cases](#) on various topics including on conflict of interest, duty to report, and professional qualifications.

Check out a BER case focused on the PE role in protecting the public health, safety, and welfare.

Facts: City passes an ordinance requiring a sprinkler system in residences with less than eight feet between them and makes the ordinance effective as to all construction which has not yet received an occupancy permit. This means that projects under construction must have a sprinkler system added. Engineer A, who happens to have both structural and fire protection credentials, is hired by Homeowner to design a retaining wall system to stabilize a rear yard. Homeowner allowed Engineer A to store equipment in the integral garage. Engineer A observes that the builder routed the piping for the retrofitted sprinkler system through the unheated garage, exposing the pipes to freezing temperatures.



Questions: What are Engineer A's obligations?

[Access the full case to read the BER's discussion and conclusion.](#)

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