

State News for NSPE Members

2022 NHJES Annual Conference



Please join the New Hampshire Joint Engineering Societies for the 2022 Annual Conference on **Wednesday, October 19** (7:00 a.m. - 4:00 p.m.) at [Murphy's Taproom & Carriage House](#) in Bedford. Attendees have the opportunity to earn six professional development hours and will be provided a buffet meal.

Please register by Friday, October 14. Access the registration form [here](#). All conference proceeds will go toward STEM Programs.

State Agrees to Construct Water Treatment Plant at Hatchery

New Hampshire has agreed to build a wastewater treatment plant at the Powder Mill fish hatchery, where polluted water has been discharged into the Merrymeeting River for years, according to the [Union Leader](#).

The plant will cost millions, officials say, with one expert putting the price tag at an estimated \$85 million. The action is being taken in response to a lawsuit filed by the Conservative Law Foundation against the Fish and Game Department. The water contains large amounts of excrement that eventually ends up in Lake Winnepesaukee.

In a statement, the Attorney General John Formella said New Hampshire is committed to continuing its progress in cleaning up the waterway. Phosphorous levels have dropped thanks to recent efforts to “achieve compliance with its lowest-in-the-nation phosphorus concentration limit imposed by EPA in late 2020 to protect water quality in the Merrymeeting River.” [Read more.](#)

Bi-Directional Charging Offered by New Hampshire Energy Co-op

An energy co-op in Plymouth is offering owners of electric cars with vehicle-to-grid or “bi-directional” chargers a membership that would save them money on their energy bills, [Energy News Network reports.](#)

Members will have the option to charge their cars when demand is lower and the energy is therefore cheaper, and they can also discharge energy from their vehicle into the grid during high demand times in order to receive a credit on their bill. The charging technology was developed by Fermata Energy in an effort to increase the use of electric cars and improve sustainability.

Currently, only a few electric vehicles have bi-directional charging capability, including the Nissan Leaf, but many others will soon, such as the Ford F-150 Lightning. [Read more.](#)

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Moving the Society Closer to Our Vision

By Britt Smith, P.E., F.NSPE, President 2022-2023



What does NSPE mean to you? I'd like to try to tell you what it means to me. I began my career with a small civil engineering firm with a focus on municipal engineering. After a few years, I moved to the public works department in Jefferson City, Missouri. This is the same city where my wife and I have raised our three children. As a result, I've had the privilege of working for the community that I have called home most of my career.

Like many of you, I was approached by another engineer early in my career and asked to join NSPE. I have moved through various leadership and volunteer roles at the chapter, state, and national levels. I could not be more humbled to be the president of NSPE. I never dreamed that I would be in this position. As I got

involved with NSPE, I met and built friendships with many wonderful engineers within my community, around the state, and across this great country. Each time I get involved and want to give back, I seem to receive so much more than I give. Our founder David Steinman probably had similar thoughts. Steinman understood that the technical problems of the various engineering disciplines are different, but the interests of the profession are shared. He founded NSPE to unite the profession around those common interests. NSPE was created, and continues today, to be the single national professional society, with solidarity of purpose and concentration of strength, to provide for the professional interests of the engineering profession.

NSPE has adopted as our vision: A world where the public can be confident that the engineering decisions affecting their lives are made by qualified and ethically accountable professionals. Our vision statement is a simple statement, but a very powerful message. I heard once that the average engineer holds the lives of more people in their hands than any doctor could see in a lifetime. As I considered that statement, I couldn't help but think about the awesome responsibility we carry. NSPE was created and continues today to help all members of our profession fulfill that responsibility.

[Read more.](#)

Nominations Open: Federal Engineer of the Year

Honoring the commitment of federal engineers to innovation and service is the hallmark of the [Federal Engineer of the Year Award](#).

Nominations for the award, which attracts participation from more than a dozen federal agencies, are open until October 31.

The FEYA ceremony is scheduled for February 24, 2023, at the National Press Club in Washington, DC. Tickets will be available for sale in January. [Apply or nominate a worthy engineer.](#)



The 2022 Federal Engineer of the Year

Robert Zueck, Ph.D., P.E., was named NSPE's 2022 Federal Engineer of the Year for his discoveries and contributions in the engineering field during a [virtual awards event](#) in February.

Prior to retirement, Zueck worked in the US

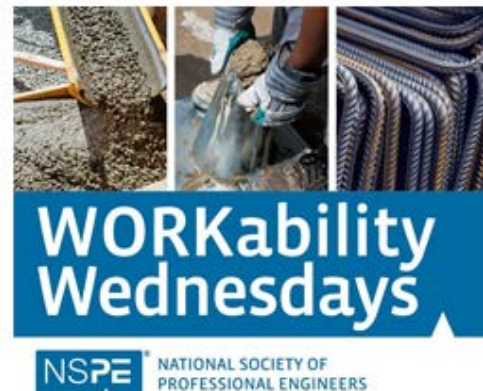
Department of the Navy's Naval Facilities Engineering Systems Command (NAVFAC), Expeditionary Warfare Center at Port Hueneme, California. He is heralded for applying his vibration research to military defense projects for which engineers can now design beyond the speed, agility, and stealth limitations of many military sensors, weapons, and platforms. Find out more about Zueck in a [PE article](#).



Access Free WORKability Wednesdays Webinars

The reviews of the [Engineering: Addressing Unintended Consequences as a Professional](#) webinar are excellent. "Applicable to all engineering disciplines," says one attendee.

If you were busy this summer and missed it, there is time to watch this thought-provoking webinar at NSPE's PE Institute. All webinars in the [spring series](#) are available free to members. Watch for more information soon about what to expect in the fall series lineup!



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