

## State News for NSPE Members

### WYSPE Update

The Wyoming Society of Professional Engineers Board of Directors is continuing work on updating the association Bylaws, following membership approval of Constitutional Amendments earlier this year. We appreciate the broad support of members in updating the governing documents. Thank you for being a part of the Wyoming Society of Professional Engineers!

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### Cheyenne Chapter Update

The WYSPE Cheyenne Chapter members predominantly come from a Civil Engineering background and work for a variety of companies throughout the Cheyenne area including BenchMark Engineers, Inc., Summit Engineering, Western Research and Development and Terracon Consultants, Inc. Several of our members also work for various federal organizations including the Federal Highway Administration, the Wyoming Department of Transportation (WYDOT) and the US Air Force. We welcome members from all disciplines. Chapter meetings are held on the second Monday of each month and include a presentation from local industry professionals on a variety of engineering topics. We welcome members from all chapters at our events!

WySPE will be featuring updates from all chapters in the coming months!

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### Major Transmission Line Moves Forward

Rocky Mountain Power has applied for regulatory approval to begin construction on a 142-mile segment of the Gateway South high-voltage transmission line through Wyoming, reports the [Casper Star Tribune](#). Gateway South, under development by RMP's parent company PacifiCorp, will extend approximately 400 miles from a planned substation in southeastern Wyoming to a substation near Mona, Utah. RMP estimates the Gateway South transmission line will generate \$97 million in

tax revenue for Wyoming over the project's life plus \$508 million in infrastructure investment in the state.

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## **Heightened Concern Over Nitrates in Drinking Water**

Nitrates in the drinking water of a Jackson Hole community have spurred advocates to call for a warning system that would alert residents when the pollutant reaches unnatural levels, according to the [Jackson Hole News & Guide](#). In a letter to the Teton District Board of Health and Teton County commissioners, the Wyoming Outdoor Council and Protect Our Water Jackson Hole wrote: "The unfortunate — and enormously costly — situation impacting Hoback Junction could have been avoided by early intervention when it became apparent years ago that nitrate levels in public water systems were trending upwards." The letter proposes a requirement for all 114 public water systems in the county to register with the Teton County Public Health Department and calls for the county health department to publish notice of nitrate detections exceeding 3 milligrams per liter in the local newspaper within 24 hours.

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## **NCEES Monitors Pandemic as October Exams Near**

NCEES is closely monitoring the impact of COVID-19 on the October 2020 pencil-and-paper exam administration. All exam site locations are proceeding with reduced capacity restrictions in place. Changes to state and local requirements that further reduce capacities for groups and events may impact the number of examinees that are able to test at a specific site. NCEES will continue to monitor these changes between now and exam day.

NCEES is aware that capacity restrictions are preventing many examinees from being able to register for the October exam administration. To accommodate as many examinees as safely as possible, NCEES has moved up the transition to computer-based testing for the PE Electrical and Computer: Power exam (registration is open with appointments starting in December 1) and will offer a regional pencil-and-paper exam administration in January for PE Civil examinees.

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## **Regional Pencil-Paper PE Civil Exams Slated for January**

To accommodate as many pencil-and-paper examinees as safely as possible, NCEES has added a regional exam administration in several locations on January 26, 2021, exclusively for PE Civil examinees. Registration for the regional PE Civil exam administration will open November 1, 2020, and close December 13, 2020, at 3 p.m. (EST).

The exam will be administered in the following cities: Phoenix, Arizona; Pomona, California; Denver, Colorado; Hartford, Connecticut; Orlando, Florida; Topeka, Kansas; Minneapolis, Minnesota; Raleigh, North Carolina; Cleveland, Ohio; Houston, TX; and Seattle, Washington. Additional cities may be added before registration opens.

Examinees who are located outside of these states should check with their state licensing board prior to registering to determine their eligibility to test outside of their jurisdiction.

[Access nces.org](https://nces.org) for exam updates.

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

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## **Society Releases Policy Guide on Emerging Tech, Public Safety**

A new NSPE policy guide has added the professional engineer's voice to the growing conversation around the safe development and deployment of emerging technologies. The guide's safety recommendations begin with the premise that the public's interests are best served when licensed professional engineers oversee the design, development, and/or deployment of emerging technologies.

NSPE's Emerging Technologies Task Force crafted the recommendations as a starting point for adopting standards that protect public safety and to provide guidelines to measure the safety readiness of technologies before they are deployed. The guide is intended for public policy decisionmakers, regulators, manufacturers, and others.

The Society strongly encourages the adoption of these recommendations and is available as a resource for information and drafting of regulations.

[Access the guide.](#)

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## **Nominations Open for Federal Engineer of the Year Award**

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 18, 2021, at the National Press Club in Washington, D.C. Tickets will be available for sale in January and

[sponsorship opportunities](#) are available.

Timothy Sullivan, P.E., who has brought mechanical, civil, and environmental engineering expertise to the Air Force Civil Engineer Center in San Antonio, Texas, was named the 2020 FEYA winner. Sullivan developed the first-ever comprehensive execution guidebook to support \$604 million in nationwide construction, and as part of that three-year project, he crafted a project risk management process to identify vulnerabilities of construction projects greater than \$5 million.

[Apply or nominate a worthy engineer today.](#)

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## Upcoming Webinars: Traffic Signals, Forensic Engineering, Communications Skills, Vintage Trolley Cars, Design Safety



NSPE's **PE Institute** helps members stay current in the profession, earn PDHs, and advance in their careers through webinars on important topics. The webinars are held at 2:00 p.m. – 3:00 p.m. EST at a member price of \$99 (\$129 for nonmembers).

### September 23

#### [The Physics of the Yellow Traffic Signal: ITE's First Recommended Practice](#)

The webinar will focus on the Institute of Transportation Engineers' first recommended practice for calculating the duration of the yellow traffic signal.

*Presenter: Brian Ceccarelli, P.E.*

### September 30

#### [So, You Want to Launch a Forensic Engineering Consulting Practice](#)

Forensic engineers can operate as sole proprietorship, partnerships, professional corporations or be part of a multifaceted forensic engineering company or one of the many national forensic engineering investigation firms. This session addresses the opportunities for engineers interested in performing forensic engineering services as well as the issues they will need to address.

*Presenters: John Certuse, P.E., Michael Leshner, P.E., James Petersen, P.E., and Samuel Sudler P.E., F.NSPE*

**October 7**

[The Four Languages of Influence](#)

Improve your influence by customizing your interactions to four distinct communication styles that will help make better connections.

*Presenter: Roger Grannis*

**October 14**

[Vintage/Heritage Trolley Cars in Transit Use: Past, Present, and Future](#)

The presentation will help attendees better understand the unique nature, challenges, and opportunities of vintage and heritage trolley cars in actual public transit use in the modern age, including vehicle engineering support and technical assistance, for these vehicles.

*Presenter: Matthew Nawn, P.E., PMP*

**October 21**

[Too Many Crashes at Your Roundabout? Learn Design Techniques to Optimize Safety](#)

This presentation will discuss how design safety principles affect how drivers receive and process information. For optimal safety and operations, the roundabout design must simplify decision-making and provide clear, concise information as to the correct way to drive the roundabout.

*Presenter: Mark T. Johnson, P.E.*

[Visit NSPE's PE Institute.](#)

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**National Society of Professional Engineers | 1420 King Street | Alexandria, VA  
22314**