

State News for NSPE Members

Wildlife Crossings Benefit Many in Wyoming

Wyoming is a leader in successful wildlife crossing efforts thanks to collaboration between state agencies like the Wyoming Game and Fish Department and the Wyoming Department of Transportation, the [Kilgore News Herald reports](#). Planned wildlife crossings reduce motorist and animal fatalities and crash costs, and helps facilitate species migration corridors.

Communication and data sharing between agencies like WYDOT and WGFD have given engineers a unique understanding of biologists' concerns about traffic infrastructure and has contributed to Wyoming's success in this area. Outreach to the public has garnered their support, as well. In December, Governor Mark Gordon dedicated \$10 million to wildlife-crossing construction.

Game and Fish Hatchery Project Awarded for Engineering Excellence

The Wyoming Game and Fish Department's conservation engineering branch was recognized for its outstanding project to prevent flooding at the Boulder Rearing Station. The Association of Conservation Engineers selected the project as the recipient of the 2021 Annual Carl V. Anderson Engineering Award of Excellence.

Each year, the station raises approximately 35,000 pounds of fish to release into Wyoming waters. Flooding can bring disease and aquatic invasive species infestation into the facility.

The WGFD contracted with Sunrise Engineering to design structures and systems to prevent flooding. The department's engineers oversaw the design and construction of a complex levy and pump system. The project was completed in the summer of 2021 and protects many trout species raised at the station. Engineering solutions like these for fish health and aquatic invasive species prevention can last as long as 75 years. [Find out more.](#)

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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