

## State News for NSPE Members

### DAPE Ethics Training

The most recent DAPE ethics training session is now available to Delaware licensed PEs. Access the recording [here](#).

DAPE will issue a certificate for two (2) PDHs to a member that completes and returns this [PDH assessment form](#) after viewing the recording. Completed forms should be emailed to [office@dape.org](mailto:office@dape.org).

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### Delaware Senate Passes Offshore Wind Energy Bill

The Delaware Senate passed seven bills on June 15, but two of them – one about offshore wind energy and one about tenant protections – received some resistance, the [Town Square Live reports](#).

Senate Bill 170, sponsored by Senator Stephanie Hansen (D-Middletown), requires the Department of Natural Resources and Environmental Control to work with the Pennsylvania-New Jersey-Maryland Interconnection to look into the viability of generating offshore wind energy.

The department would subsequently be responsible for reporting back to Governor John Carney and the General Assembly on a process for obtaining offshore wind power. A written report, including the department's recommended process, and any legislative or regulatory steps needed to implement the recommendation, to the governor, the chief clerk of the House of Representatives and the Secretary of the Senate by December 1, 2023.

The process must include:

- The long-term cost impact, if any, on taxpayers in Delaware.
- Potential economic costs and benefits for the state and for Delawareans.
- The consistency of such a procurement with the Delaware Climate Action Plan, the Delaware Energy Plan, and the ability of the state to meet its Renewable Energy Portfolio standards.

- The avoided costs of greenhouse gas emissions and other air pollutants on the state from power generation sources.
  - Potential health benefits for the state and for Delawareans.
  - The availability and scale of suitable offshore wind locations.
  - The state of the offshore wind industry and associated supply chains.
  - The impacts on the electricity transmission system and capacity and energy markets. [Read more.](#)
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## Delaware Taps AI to Evacuate Crowded Beaches When Floods Hit

Delaware's low elevation mixed with crowded beaches and limited exit routes make the state particularly vulnerable to massive flooding, but officials hope an influx of federal infrastructure money will trigger future evacuation plans automatically via artificial intelligence, the [AP reports](#).

The Biden administration was set to announce a total of \$53 million in grants to Delaware and seven other states aimed at high-tech solutions to traffic congestion problems. Although the money comes from the infrastructure law the president signed in 2021, many of the programs — including the \$5 million for flood response efforts in Biden's home state — have evolved since then.

"What's new is the predictive analysis; the machine learning," US Federal Highway Administrator Shailen Bhatt, Delaware's former transportation secretary, said in an interview with The Associated Press. "Because now we have access to all this data, it's hard for us as humans to figure out what is data and what is actionable information."

Delaware's transportation department, which controls more than 90% of roads in a state with the lowest average elevation in the country, is tasked with implementing evacuation plans during high water — a bureaucratic nightmare considering how quickly conditions can change.

That's where AI comes in. Rather than sending a crew to the scene to block an impassable road, the system uses sensors to detect weather threats — and even can predict them. Then, it sends the information directly to drivers through cellphone alerts while broadcasting them simultaneously on electronic highway signs. [Read more.](#)

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

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**Connect with Your Colleagues at #NSPECon23**

# ENGINEERING EXCELLENCE FROM A WHOLE NEW PERSPECTIVE NSPECON<sup>23</sup> REGISTER NOW

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Register now for NSPECon23 and connect with your colleagues in Louisville, Kentucky, August 2-4. The conference features multiple education tracks in leadership, trends in the industry, and career development with the opportunity to earn up to 10 PDHs. Also stay tuned for information on engineering-related tours. **Register by June 29 to take advantage of discounted rates.**

[Register Now!](#)

## Keynote Speakers

**Bill Samuels, Jr.**, Chairman Emeritus of Maker's Mark Distillery, will open the NSPECon 23 meeting. Samuels, who helped design both the Gemini and Polaris missiles and became friends with the founding administrator of NASA, will talk about the, "[Trials and Tribulations of a Failed Aerospace Engineer.](#)"



**Megan Bendtzen**, the CEO and founder of TheDoctorofFun.com, will give a keynote presentation on - [Beyond the Blueprint: Mastering the Most Important Project of Your Life](#) . In this clever and entertaining presentation, Bendtzen will completely shift your perspective, debunking the myth of work-life balance and revealing the single biggest lie surrounding the pursuit of happiness.



## Conference Session Highlights

- [Ethical Obligations and Engineering Through a DEI Lens](#)
- [The Engineer's Blueprint: Success Principles for Winning at Work and at Home](#)
- [Lithium: The Race for North American EV Dominance But at What Cost to the](#)

## Industry?

- Finding the Funds for Your Infrastructure Project
- Leaders Leading Leaders
- We Need YOU to Protect the License!
- Meeting the Challenges and Needs of The Engineering Workforce
- Speculative Technology and Exploratory Engineering for Designing the Future

[Access the full conference program.](#)

### Sponsor and Exhibitor Opportunities

NSPECon23 offers sponsorship and exhibitor opportunities to put your company or organization in front of senior executives and other decision-makers from across the industry. Access the [Sponsor and Exhibitor Prospectus](#) for more information.



### New Webinar: Racing Towards Excellence

A new webinar will get you ready for NSPECon23 — [Racing Towards Excellence: Enhancing Customer Experience and Improving Safety at Churchill Downs](#) .

Neil Crawford, P.E., an accomplished engineer and project manager at Qk4 Inc., offers insight into the history of Churchill Downs and the Kentucky Derby and its economic impacts on Kentucky. Learn about recent improvement projects to enhance the customer experience and also projects to improve equine/horseman safety and expand the racing operations.

The webinar is FREE for members and offers 1 PDH. [Register and watch now](#) .

## Racing Towards Excellence: Enhancing Customer Experience and Improving Safety at Churchill Downs

AVAILABLE ON-DEMAND

[PDH.NSPE.ORG](http://PDH.NSPE.ORG)



**NEAL CRAWFORD, P.E.**  
QK4 INC. AND PRESIDENT, NSPE-KY

FREE TO NSPE MEMBERS - Part of the WORKability Wednesdays series

## ARPL Offers New Advocacy Resources

ARPL has released two new advocacy resources. A video, [Universal Licensing: A Closer Look](#), (featuring Rebecca Bowman, Senior Director of Ethics and Professional Practice) and an advocacy document, [The Critical Role of Licensing in Business Success](#), based on recent research. As a sponsoring member of ARPL, NSPE has access to these resources and others on the [ARPL website](#).

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