7th Annual Engineers Day Conference

June 10-12, 2025

Presented by ASCE-NH & Shea Concrete Products

Virtual Offering Via ZOOM Pro

The "7th Annual Engineers Day Conference" was a success! We greatly appreciate the sponsors, presenters, and attendees who made this conference a reality. This "virtual" conference offered the opportunity for attendees to earn 6-PDHs and all conference proceeds went to the ASCE-NH Scholarship Fund. This year's conference raised *$18,248* which marks the most successful year to-date in the now seven consecutive years this conference has been offered. Our goal is always to match or exceed monies raised and we will have our work cut out for us as part of the 2025/26 program year. We look forward to the challenge and know it is possible as "Teamwork Makes The Dream Work"!

Conference Sponsors

"2025" Event Sponsorships were offered at $225 (priced for the 2025 scholarship award year) and included:

- Logo acknowledgement in all conference marketing & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- Logo acknowledgement in the ASCE-NH August/September 2025 Newsletter

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- Logo acknowledgement in all conference marketing & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- 1/2-Page Marketing Opportunity in the ASCE-NH August/September 2025 Newsletter
- One (1) full conference registration

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"2025" Presentation Sponsorships were offered at <u>$750</u> and included:

- Logo acknowledgement in all conference marketing & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- Full-Slide (each sponsor to design their own PowerPoint Slide to be shown during their specific sponsored technical presentation) acknowledgement during their specific sponsored technical presentation
- 1-Page Marketing Opportunity in the ASCE-NH August/September 2025 Newsletter
- One (1) full conference registration

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Conference Sponsorship was offered at <u>$1,500</u> and included:

- Logo acknowledgement in all conference marketing & email blast initiatives
- Logo acknowledgement during each conference presentation (x6)
- Full-Slide (sponsor to design their own PowerPoint Slide to be shown during each of the 6 technical presentations) acknowledgement during each conference presentation (x6)
- 2-Page Marketing Opportunity in the ASCE-NH August/September 2025 Newsletter
- One (1) full conference registration

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Conference Presentations:

June 10th — Opening Presentation (Sponsored by ***TEC***)

9:00 – 10:00 AM — Zoom Pro — **The "State" Of The State Of New Hampshire** (William J. Cass, P.E. – NHDOT Commissioner)

Bill Cass was appointed Commissioner in December of 2022. He joined the NHDOT in 1986 and has 38 years of experience with the NHDOT. Prior to that, Bill served for 7 years as the Department's Assistant Commissioner and Chief Engineer for the Department. Bill has many years of engineering, project development, and management experience and his leadership is a key component to the success of the Department. He has held a number of supervisory and management positions at the Department including, Final Design Supervisor, Preliminary Design Section Head, Chief Project Manager, and Assistant and Director of Project Development. Bill was Project Director, formerly Project Manager, for the largest project the NHDOT has ever under taken - the 20 mile, 800 million-dollar reconstruction and widening of Interstate I-93 from Salem to Manchester, and was involved with the project throughout its development and construction. Bill is actively involved on national committees for the American Association of State Highway and Transportation Officials (AASHTO), and the Northeast Association of State Transportation Officials (NASTO). He has a Bachelor of Science degree in Civil Engineering from the University of New Hampshire, and lives with his wife, Colleen in Laconia.

June 10th — Technical Presentation #1 (Sponsorship by ***CQ Cement***)

12:00 – 1:00 PM — Zoom Pro — **Achieving Concrete Performance and Lower Environmental Impacts with Blended Cements** (Joshua Gilman, P.E. – Director, Sustainable Infrastructure at the Portland Cement Association (PCA))

Josh Gilman has 15 years of experience relating to geotechnical and civil engineering on a wide variety of heavy civil works, geotechnical and water resource projects for federal, municipal, industrial, contractor and private clients. He has held geotechnical engineering positions with consulting firms in the Northeastern and Southeastern United States, and most-recently managed a satellite office for a large firm performing geotechnical engineering and construction materials testing services. Water resources, especially dam engineering and dam safety, have been a focus throughout his career including employment with a multi-discipline consulting firm that served the hydropower industry.

Josh joined the Portland Cement Association (PCA) in 2019 and his current role is Director of Sustainable Infrastructure. He is responsible for providing subject matter expertise and outreach on infrastructure applications for conventional concrete, mass concrete, and cement-specific applications such as roller-compacted concrete (RCC) and soil-cement (SC) with a focus on sustainable solutions. In addition to providing technical support to the industry and giving numerous technical presentations, he was responsible for the development and oversight of the second edition of PCA's "Design Manual for RCC Spillways and Overtopping Protection" which is the premier design reference for practitioners, regulators, and contractors in the dam industry. He also contributes to developing and maintaining cement-based standards and guide documents through participation

in ACI and ASTM technical committees with a focus on improving the sustainability of cement and concrete applications in practice.

June 11th — Technical Presentation #2 (Sponsorship by ***St. Marys Cement***)

9:00 – 10:00 AM — Zoom Pro — **Creative Design to Solve Coastal and Waterfront Challenges**
(Duncan Mellor, P.E. – Principal Coastal Engineer at Civilworks New England)

Duncan Mellor specializes in engineering services focused on coastal and waterfront projects. His experience includes a solid technical background in civil and ocean engineering, applied in assessments (above and underwater), design, permitting and construction of structures along shorelines, waterways, ports and harbors. This includes piers, wharves, seawalls, bulkheads, quay walls, revetments, breakwaters, groins, dams, bridges, parks, marinas, dredging & dredge material beneficial reuse, beach nourishment, and even unique projects such as tidal turbines, offshore structures, lighthouses, historic structures, and frequently involving creative solutions. He is licensed in civil, structural, and geotechnical engineering and is a certified commercial diver/engineer.

June 11th — Technical Presentation #3 (Sponsorship by ***SIKA USA***)

12:00 – 1:00 PM — Zoom Pro — **New Hampshire Air National Guard & The "157th Air Refueling Wing"**

(Brian Carloni, Col, NHANG – Director of Staff (Air)

The New Hampshire Air National Guard (NH ANG) is the aerial militia of the U.S. State of New Hampshire. It is a reserve of the United States Air Force and along with the New Hampshire Army National Guard, an element of the New Hampshire National Guard of the much larger United States National Guard Bureau. As part of the NH ANG the 157th Air Refueling Wing (ARW) provides worldwide air refueling support to major commands of the United States Air Force, as well as other U.S. military forces and the military forces of allied nations flying the KC-46A Pegasus.

June 12th — Technical Presentation #4 (Sponsorship by ***EJ***)

9:00 – 10:00 AM — Zoom Pro — **Life & Work at the Mount Washington Observatory**
(Alexandra Branton – MWOBS Weather Observer & Education Specialist)

Growing up in Pensacola, FL, **Alex Branton** was able to experience a variety of exciting weather. From Category 4 hurricanes to a couple of surprising instances of "snow", and everything in between, Alex became captivated by the weather. After a visit from a Hurricane Hunter pilot to her school in 4th grade, she knew she wanted to pursue a career in meteorology.

In the Spring of 2022, Alex graduated from the Florida Institute of Technology with a degree in Aviation Meteorology and Air Traffic Control. While in school, she was a member of the women's cross-country team and was involved in club rock climbing competitions. In the summers between busy academic years, Alex discovered her love for the mountains through her work as a zip line guide and as a via ferrata guide in North Carolina and West Virginia. In her free time, she was able to explore her interests in hiking, backpacking, rock climbing, and mountain meteorology. She also completed a thru hike of the 211-mile John Muir Trail in the Sierra Nevada Mountains of California in 2020. In the summer of 2021, Alex wanted to gain a deeper understanding of mountain meteorology and was lucky enough to intern at the Mount Washington Observatory. She fell in love with the White Mountains and the Obs' mission and decided to go for a full-time Weather Observer and Education Specialist role in July of 2022. Being a meteorologist at the Mount

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Washington Observatory is a perfect combination of meteorology and adventure that aligns with Alex's lifestyle perfectly. She enjoys being able to experience extreme weather atop Mount Washington while on shift and taking advantage of many of the outdoor recreation opportunities in New England during her time off the mountain.

June 12th		Technical Presentation #5 (Sponsorship by ***ECO Material Technologies***)
12:00 – 1:00 PM	Zoom Pro	**"Built to Elevate" – Systems and Facilities on the Northeast's Highest Peak** (Patrick Hummel – Mount Washington State Park Director)

Patrick Hummel is the Park Supervisor for Mount Washington State Park, located at the highest point in New England (6,288'). A 20+ year employee of NH State Parks, Patrick has spent the last 7 years overseeing and managing the operations and facilities at one of the most challenging and extreme locations in the US.

Conference Registration Details:

ASCE-NH Member	$60
Non-Member	$99
Government Employee	$50
Student	Free
Event Sponsor	$225 (Unlimited Availability)
Exhibitor Sponsor	$500 (Unlimited Availability)
Presentation Sponsor	$750 (**Filled!**)
Conference Sponsor	$1,500 (**Filled!**)

Please utilize email correspondence with any questions or comments to: hscott@sheaconcrete.com

We are looking forward to a successful "Virtual" 8th Annual Engineers Day Conference event with details to be provided and presented by: