



2026 NATIONAL HYDRAULIC ENGINEERING CONFERENCE

Racing the Storm Surge of Innovation

Conference Agenda



[Click to visit the Conference Website](#)

Racing the Storm Surge of Innovation



Welcome to the Green Mountain State



Working to get you there.

VTRANS.VERMONT.GOV

Racing the Storm Surge of Innovation



AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Vermont

The **American Council of Engineering Companies of Vermont, or ACEC/VT** is proud to partner with the **Vermont Agency of Transportation** in support of the **2026 National Hydraulic Engineering Conference**, bringing together engineering professionals dedicated to advancing innovation, resilience, and excellence in water resources and hydraulic engineering.

ACEC/VT is a Member Organization of the American Council of Engineering Companies, the National organization of engineering firms engaged in the practice of independent consulting engineering.

The mission of ACEC of Vermont is to enhance the economic and regulatory climate for private engineering companies and assist member companies in improving their business management practices so that they may provide high-quality professional services to their clients.

Racing the Storm Surge of Innovation

LEADERSHIP

AUGUST 25–28, 2026
BURLINGTON, VERMONT



Joe Flynn

Secretary, Vermont Agency of Transportation (VTrans)

Joe Flynn has served in Vermont state government since October 2009, in roles including AOT Rail Director at the Agency of Transportation (AOT); a brief two-month assignment with the Irene Recovery Office at the Agency of Administration (AOA); Director of Vermont Emergency Management and, later, Director of Emergency Management and Homeland Security at the Department of Public Safety (DPS); Deputy Commissioner of Public Safety; and, currently, Secretary of Transportation at AOT.

Over that time, he contributed to Vermont's Irene response and recovery and led aspects of the FEMA Public Assistance Program during his transition from AOT to Vermont Emergency Management. He worked with the Vermont Yankee Nuclear Power Station during its operating years and through the early decommissioning process. As Director of Vermont Emergency Management, he oversaw nine Presidentially Declared Disasters under the Stafford Act. At DPS, he supported all divisions—the Forensic Laboratory, Vermont Emergency Management, the Division of Fire Safety, the Vermont Crime Information Center, and the Vermont State Police—and served as a liaison to federal, military, and international partners. Since January 2017, he has served as Secretary of Transportation, supporting the Department of Motor Vehicles and the Vermont Agency of Transportation (VTrans), including AOT's support of the COVID-19 pandemic response, multiple flooding disasters, and implementation of the Infrastructure Investment and Jobs Act (IIJA), the largest single investment in Vermont's transportation infrastructure in half a century.

Before joining state government, Joe spent 32 years in the private sector. He also served as a deputy sheriff in Grand Isle County, as a member of the South Hero Select Board, and as South Hero's fire chief, among other public service roles. He has lived in South Hero for 35 and a half years.

Racing the Storm Surge of Innovation

LEADERSHIP (CONT.)

AUGUST 25–28, 2026
BURLINGTON, VERMONT



Charles Martin

Deputy Secretary, Agency of Natural Resources, State of Vermont

Charles Martin joined the State of Vermont Agency of Natural Resources as Deputy Secretary in August 2024. Before working at ANR, Charles worked in the Flood Recovery Office at the Agency of Administration, supporting policy development, and as Communications and Legislative Director for the Department of Liquor and Lottery.

Prior to joining state government, Charles worked for Sen. Leahy in the Senator's Vermont and D.C. Offices, and also spent time at the Vermont Chamber of Commerce as their Government Affairs Director. He's a former Vermont Army National Guard officer, and past member of the Huntington Conservation Commission. Charles lives in Huntington with his wife, Lindsay, and their two daughters. And in his free time, Charles is an avid outdoorsman – enjoying hiking, fishing, and hunting.



Dr. Matthew Vaughan

Chief Scientist, Lake Champlain Basin Program (LCBP)

As Chief Scientist at the Lake Champlain Basin Program (LCBP), Matthew Vaughan leads initiatives to improve water quality and habitats for native species throughout the Lake Champlain Basin. He oversees applied environmental research and coordinates the LCBP Technical Advisory Committee, guiding the program's scientific priorities and advancing studies that support effective management of Lake Champlain and its watershed. His research spans multiple aspects of water quality within the Basin.

Matthew holds a PhD in Natural Resources from the University of Vermont, an MS in Hydrologic Sciences from the University of California Davis, and a BA in Physics from Middlebury College.

Racing the Storm Surge of Innovation

THANK YOU TO OUR SPONSORS

AUGUST 25–28, 2026
BURLINGTON, VERMONT

**HNTB is proud to
sponsor the 2026
National Hydraulic
Engineering Conference**

Check out HNTB's
featured speakers
throughout the event!



Darrell Sofield, LG
Day 2: "Geomorphology
and Geomatics in Disaster
Recovery Design"



Dan Christensen, PE
Day 2: "Importance of
2D Hydraulic Modeling in
Hurricane Helene Recovery
Design"



Henry Hu, PhD, PE, PH
Day 3: "Clear Creek – Fish
Passage Barrier Removal
Mitigation and Alluvial Fan
Restoration"



WSDOT | Fish Passage Program



NJ TRANSIT | Superstorm Sandy Resiliency Program



USACE | Kansas City Levee System



HNTB Water
Resource
Solutions

HNTB

The HNTB Companies
Infrastructure Solutions

hntb.com

Racing the Storm Surge of Innovation

THANK YOU TO OUR SPONSORS

AUGUST 25–28, 2026
BURLINGTON, VERMONT



vhb Engineers | Scientists | Planners | Designers

Inspiring our people and
partnering with our clients
and communities to
create a sustainable future.



vhb.com



FEEL THE POSSIBLE

Helping communities and ecosystems thrive with
water strategies that reduce risk and build resilience.

wsp.com

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 1: Tuesday, August 25, 2026

Workshops 8:00AM–12:00PM	Green Mountain Ballroom	Shear Decay Workshop (Registration will be required. Check our website and LinkedIn page for future updates.)
	Lake Champlain Conference Room	Transportation Asset Risk and Resilience Workshop
Lunch 12:00PM–1:30PM	N/A	(On your own)
Commencement 1:30PM–4:30PM	Adirondack Ballroom	Includes: Welcome & Presentation of Colors, Opening Remarks, Keynote Speaker, Mark Miles Award, FHWA Update, AASHTO Update, and TRB Update
Ice Breaker/Reception 5:00PM–7:00PM	Mezzanine	Includes: Poster Session

Day 2: Wednesday, August 26, 2026

Breakfast 7:00AM–8:00AM	Adirondack Ballroom	
Morning Sessions 8:00AM–10:00AM	Lake Champlain Conference Room	Coastal Extreme Events and Recovery Moderator: Rose Marie Klee (Texas DOT)
		Rapid Responses to Improve Understanding of Coastal Impacts of Major Hurricanes Britt Raubenheimer (Woods Hole Oceanographic Institution)
		Western Alaska Emergency Response–Typhoon Merbok Recovery and Coastal Modeling Near Nome, Alaska William Najjar (HDR)
		Potential Resilience and Recovery Measures for Coastal Highways and Bridges After Extreme Events Bret Webb (Goodwyn Mills & Cawood)
		Level 2 Tsunami Modeling Case Studies Daniel Sharar Salgado (FHWA)

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 2: Wednesday, August 26, 2026 (cont.)

Morning Sessions (cont.) 8:00AM–10:00AM	<i>Green Mountain Ballroom</i>	Practical Hydraulic Modeling Moderator: Jeff Syar (Ohio DOT)	
		Evaluating Detailed Bridge Hydraulics and Scour with 2D Modeling in SRH-2D/SMS and HEC-RAS 2D	Scott Hogan (Transportation Hydraulics Solutions LLC)
		Representing Lake Effects in Practical 2D Modeling	Shawna Conery and Braiden Markham (J-U-B Engineers, Inc.)
		Design and Construction of the US 101 Elwha River Bridge: Innovations, Insights and Lessons Learned After Dam Removals	Casey Kramer (Natural Waters, LLC)
		Recent Developments in HEC-RAS	Stephen Andrews (GEI Consultants, Inc.)
Break 10:00AM–10:30AM	N/A		
Mid-morning Sessions 10:30AM–12:30PM	<i>Lake Champlain Conference Room</i>	Culvert Analysis & Design Moderator: Jim Commerford (New Hampshire DOT)	
		What's next for FHWA Software (HY-8 & Hydraulic Toolbox)	Eric Jones (Aquaveo)
		Hydraulic Geometry Equations for Facilitating Culvert Replacements on Tidal Rivers in Coastal Massachusetts	Gardner Bent (USGS New England Water Science Center)
		Enhanced Structural Robustness of Culvert Systems Exposed to Floods and Wildfires	Jeremy Bowers (Simpson Gumpertz & Heger Inc.)
		From Constraints to Creative Solutions: Evolution of a Road-Stream Crossing Project	Claire Nauman (Fuss & O'Neill)
	<i>Green Mountain Ballroom</i>	Bridge Scour Analysis Moderator: Travis Stump (Missouri DOT) FHWA HEC-18 Update	
		Pressure-Flow Scour beneath Submerged Bridge Decks in Cohesive Soils: Development of a Predictive Equation	Habib Ahmari (University of Texas at Arlington)
		Application of HEC-18 Pressure Scour at Abutments	Michael Rounds (Verdantas LLC)
		A Predictive Framework for Cohesive Soils' Critical Shear Stresses	Haoyin Shan (Genex Systems)
		Advanced Scour Evaluation for the Francis Scott Key (FSK) Bridge Replacement Project	James Pagenkopf (FHWA) and Haoyin Shan (Genex)

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 2: Wednesday, August 26, 2026 (cont.)

Mid-morning Sessions (cont.) 10:30AM–12:30PM	Vermont Conference Room	Workshop	
		Transportation Modeling with HEC-RAS	Megan Frye (FHWA)
Lunch 12:30PM–1:30PM	Adirondack Ballroom		
Early Afternoon Sessions 1:30PM–3:00PM	Lake Champlain Conference Room	Data-Driven Stormwater Management Moderator: Steve Griffin (Colorado DOT)	
		Simulating Concurrent Highway-Runoff Volumes and Receiving-Water Stormflows to Assess the Likelihood of Adverse Effects on Water Quality	Alana Spaetzel (USGS)
		Advancements in NCDOT Hydroplaning Guidelines and Analytical Tools	Matthew York (NCDOT) Rick Renna and Katey Eap (Atkins Realis)
		Pipes and Pixels: AI in Action for Public Works	Carolyn Macek and William Mecier (RESPEC)
	Green Mountain Ballroom	NCDOT's Hurricane Helene Recovery Efforts Moderator: TBD	
		NCDOT Hurricane Helene Recovery: Insights on Large Scale Transportation Infrastructure Repair Projects	Matt Lauffer (NCDOT)
		Geomorphology and Geomatics in Disaster Recovery Design	Darrell Sofield (HNTB)
		Importance of 2D Hydraulic Modeling in Hurricane Helene Recovery Design	Dan Christensen (HNTB)
		Locking It Down: Benefits, Challenges, and Lessons Learned from Partially Grouted Rip Rap on Helene Recovery Projects	Will deRosset (Ayes Inc.)
	Vermont Conference Room	Lightning Round A Moderator: Andy Cross (Ayes Inc.)	
		Group A: AI, Acceleration, & Automation	
		Group B: Real-Time Warning System & Applied Hydrology	
Break 3:00PM–3:30PM	N/A		

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 2: Wednesday, August 26, 2026 (cont.)

Late Afternoon Sessions 3:30PM–5:00PM	<i>Lake Champlain Conference Room</i>	Applied CFD in Transportation Hydraulics Moderator: Jeff DeGraff (WSP)	
		Improving West Memphis Port Hydraulics	Andy McCoy (HDR)
		Transportation Pooled Fund TPF-5(552) Update	Marta Sitek (Argonne National Laboratory)
		Practical Applications for 3D CFD in Transportation Hydraulics	Brian Fox (Flow Science, Inc.)
	<i>Green Mountain Ballroom</i>	Flood Hazard Mitigation Moderator: Nick Olson (Minnesota DOT)	
		Hope after Helene: Partnership to Restore Community Connectivity in East Tennessee	Brian Ralstin (TDOT)
		Accelerated Flood Mitigation: Interagency Collaboration and Emergency Glacial Flood Response in Juneau, Alaska	Mark McBroom (Michael Baker International)
		VTrans Route 302 Berlin Complex Flood Mitigation Analysis: FEMA Public Assistance Hazard Mitigation Process	Joe Airoidi (VHB)
Evening Event 6:00PM	<i>Burlington Community Boathouse Marina</i>	Spirit of Ethan Allen Dinner Cruise <i>Boat leaves right at 6:00PM</i>	

Day 3: Thursday, August 27, 2026

Breakfast 7:00AM–8:00AM	<i>Adirondack Ballroom</i>		
Morning Sessions 8:00AM–10:00AM	<i>Lake Champlain Conference Room</i>	Coastal Infrastructure Modeling Moderator: Charlie Hebson (Maine DOT)	
		Adapting Transportation Hydraulics to Evolving Coastal System Dynamics	Garland Pennison (HDR Engineering)
		Marsh-Scale Hydrodynamic Modeling to Support Tidal Restoration and Climate Adaptation	Leila Pike (GEI Consultants, Inc.)
		2D Modeling and Scour Analysis of a Pressurized Coastal Bridge with CCI Application	Ellen Newman (AECOM)
		Raising Pungo Ferry Road: Resilient Roadway Design in Wetland Environments	W. Bryce Corlett (VHB)

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 3: Thursday, August 27, 2026 (cont.)

Morning Sessions (cont.) 8:00AM–10:00AM	<i>Green Mountain Ballroom</i>	Scour Appraisals and POAs Moderator: Chelsey Heiden (Ayres Inc.)	
		How to Apply the HEC-18 Shear Decay to a Scour Evaluation	Susan Cundiff (Verdantas LLC)
		Establishing a Risk-Based, Data-Driven Scour Appraisal and POA Program for Highway Bridges	Laura Girard (FHWA)
		Setting the Scour Bar for the Future: CDOT's Scour Program and Procedures Manual	Michael Tanner (CDOT)
		The Unusual Suspects: Scour-Rating Forgotten Bridges	Dave Cloutier (VHB)
Break 10:00AM–10:30AM	N/A		
Mid-morning Sessions 10:30AM–12:30PM	<i>Lake Champlain Conference Room</i>	Aquatic Organism Passage Moderator: Julie Heilman (Washington DOT)	
		Update to the National Culvert Removal, Replacement, and Restoration Grant Program	Ryan Lizewski (FHWA)
		Advancing Aquatic Organism Passage: New Insights from aopMAP and Integrated Biological Monitoring	Justin Lennon (WSP) and Casey Kramer (Natural Waters)
		Utility of Flow Duration for Assessing Culvert AOP Opening Sizes	Joe Krolak (JSKWater)
		When the Street Meets the Stream: Building Resilient Culverts that Connect Human and Aquatic Communities	Bryan Sojkowski (Gomez and Sullivan Engineers, DPC)
	<i>Green Mountain Ballroom</i>	Post-Disaster Hydraulic Modeling Moderator: May Bloom (Ayres Inc.)	
		Interstate 676 Post Hurricane Ida Flood Study	Donna Newell and Francisco Aguirre (NTM Engineering, Inc.)
		Advancing Post-Disaster Resilience with 2D Hydraulics: NC 197S Progressive Design-Build	Shams Al-Amin (VHB) and Kurt Golembeskey (NCDOT)
		Replacing the Flood Damaged Route 67 Bridge in Southwestern Connecticut	Dominic Antonio and Ahcene Ait Abet (CTDOT)
		Using Two-Dimensional Debris Flow Modeling to Support Bridge Design on VT-100	Jeff DeGraff (WSP USA Inc.)

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 3: Thursday, August 27, 2026 (cont.)

Mid-morning Sessions (cont.) 10:30AM–12:30PM	Vermont Conference Room	Workshop	
		Scour Gone Wrong: Common Failures in Bridge Scour Evaluation	Scott Hogan and Lyle Zevenbergen
Lunch 12:30PM–1:30PM	Adirondack Ballroom		
Early Afternoon Sessions 1:30PM–3:30PM	Green Mountain Ballroom	Hydrologic Modeling Moderator: Roberto Ruiz (South Carolina DOT)	
		Advances in Flood Typing and Implications for Flood Frequency Analysis	Scott Hamshaw (USGS)
		Producing Calibrated Design Discharges at Two Mountainous Ungaged Road Crossings	Steven Griffin (CDOT/CSU)
		Rain-on-Grid Hydrologic Modeling Case Study for Vermont Watershed	Michelle Bowen and Andrew Dang (WSP)
		Distributed Rainfall-Runoff Modeling (DRRM) of Flooding from Helene in Western NC	David Markwood (Dewberry) and Kurt Golembesky (NCDOT)
	Lake Champlain Conference Room	Stormwater Modeling & Design Moderator: Don Hendon (HDR Inc.)	
		Comparing Urban Drainage Modeling Software for Modern Design	Mackensie Barbee (Neel-Schaffer, Inc.)
		Evaluating the Efficiency of TDOT's End-of-Bridge Drainage System Using CFD	Khem Raj Regmi (University of Memphis)
		Role of Hydraulic Standards & Advanced Models for TXDOT's Largest Storm Pump Station	Andrew Gibbs (WSP)
		Stormwater Tunnel Hydraulic Design and Surge Control—MDOT Applications	Mark Pribak and Nick Weinoso (Wade Trim)
	Vermont Conference Room	Lightning Round B Moderator: Susan Jones (FHWA)	
		Group A: Scour Analysis, Testing & Modeling	
		Group B: Countermeasures, Geomorphology & Infrastructure	
Break 3:30PM–4:00PM	N/A		

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 3: Thursday, August 27, 2026 (cont.)

Late Afternoon Sessions 4:00PM–6:00PM	Green Mountain Ballroom	Scour Countermeasures Moderator: Matt Lauffer (North Carolina DOT)	
		Implementation of Bridge Flood and Scour Monitoring	Beatrice Hunt (AECOM)
		Implementing Countermeasures at In-Service Scour Critical Bridges	John Hunt (Ayres Inc.)
		Designing Scour Countermeasures to Protect Infrastructure Upstream of Dam Removals	Molly Osmun (Gomez and Sullivan Engineers, DPC)
		Designing a Riprap Revetment to Withstand Glacial Lake Outburst Flooding	Jake Ciufo (RESPEC)
	Lake Champlain Conference Room	Sediment Transport & Channel Processes Moderator: Ryan Lizewski (FHWA)	
		Sediment Transport Modeling: The Case for 2-D and 3-D Modeling	Andrew Dang (WSP)
		Clear Creek—Fish Passage Barrier Removal Mitigation and Alluvial Fan Restoration	Henry Hu (HNTB)
		Threemile Creek—Sediment Transport Modeling of a Fish Passage Restoration Project	Robin Beebee (HDR)
		Scour Around Porous Engineered Log Jams: Shear Decay Function and Prediction Model	Azadeh Mousavi (Penn. State University)

Day 4: Friday, August 28, 2026

Breakfast 7:00AM–8:00AM	Adirondack Ballroom		
Morning Sessions 8:00AM–10:00AM	Lake Champlain Conference Room	Fluvial Geomorphology & Stream Stability Moderator: Matt Lauffer (North Carolina DOT)	
		Erosion Potential and Flood Vulnerability of Streams at Acadia National Park	Ian Armstrong (USGS)
		Automating Channel Migration Detection Across Multiple Bridges to Inform Risk	Andy R. Cross (Ayres Associates)
		Don't go chasin' Waterfalls; Stick to the Equilibrium Slope	Don Hendon (HDR)
		Vermont Bankfull Width Curves for Small Drainage Areas	Jorge Lindley (VTrans)

Racing the Storm Surge of Innovation

AGENDA

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Day 4: Friday, August 28, 2026 (cont.)

Morning Sessions (cont.) 8:00AM–10:00AM	<i>Green Mountain Ballroom</i>	Advancing Infrastructure Resilience Moderator: Nick Olson (Minnesota DOT)	
		Design Guide for Considering Projected Future Conditions in H&H Design	Dano Wilusz (Dewberry)
		Supporting long-term flood resilience in North Carolina using climate data and tools	Jared Bowden (State Climate Office of NC)
		A New Standard for Resiliency Planning: Engineering Solutions in Portsmouth, VA	J.D. Hines (VHB)
		TBD	(FHWA)
Closing Remarks 10:00AM–10:45AM	<i>Adirondack Ballroom</i>		

Racing the Storm Surge of Innovation

THANK YOU TO OUR SPONSORS

AUGUST 25–28, 2026
BURLINGTON, VERMONT

BridgeWatch



Bridging the gap between idea + achievement

At HDR, we're helping our clients
push open the doors to what's
possible, every day.

Proud sponsor of the 2026 National
Hydraulic Engineering Conference.

hdrinc.com

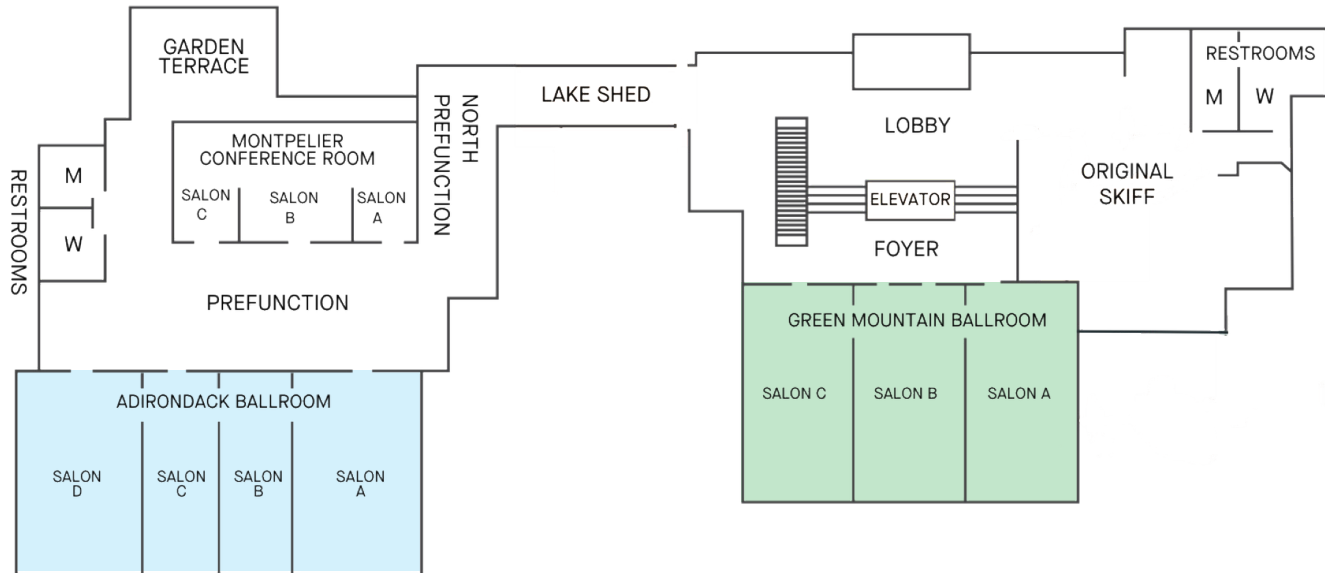


Racing the Storm Surge of Innovation

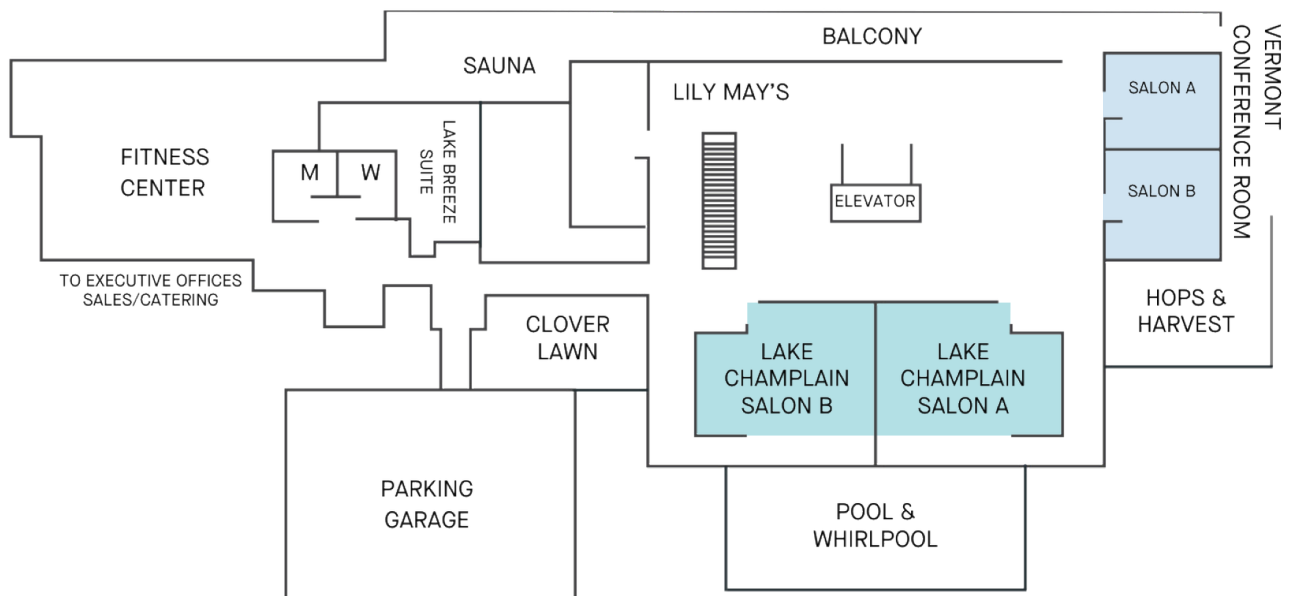
HOTEL CONFERENCE LAYOUT

AUGUST 25–28, 2026
BURLINGTON, VERMONT

Lobby Level



Mezzanine Level



Large Group Functions
 Concurrent Sessions
 Workshops & Lightning Talks

Racing the Storm Surge of Innovation

THANK YOU TO OUR SPONSORS

**AUGUST 25–28, 2026
BURLINGTON, VERMONT**

Engineering Consultants & Land Surveyors

📍 Proudly serving state & municipal agencies throughout the Northeast

Hydrologic & Hydraulic Analysis

Scour Evaluation & Countermeasure Design

Peer Review Services

AOP/Fish Passage

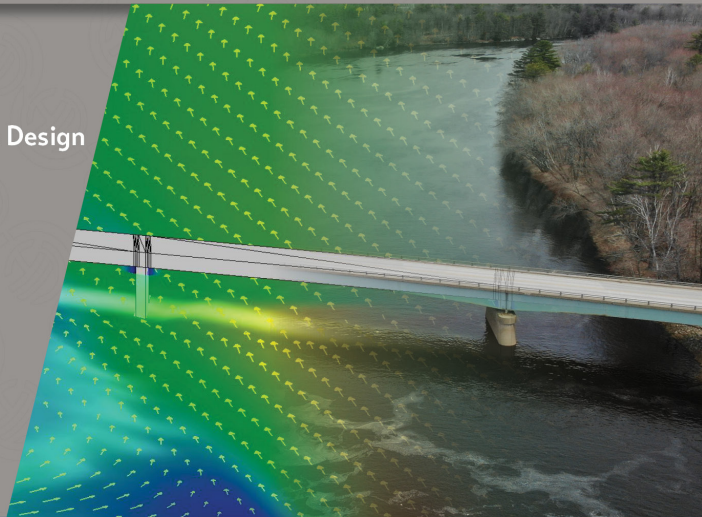
Floodplain Analysis

Permitting

FEMA Services



Trusted Experts | Innovative Results
hoyletanner.com



Delivering innovative solutions in hydraulics, hydrology, river engineering, coastal processes, and water resource management around the world.



Racing the Storm Surge of Innovation

PDH FORM

AUGUST 25–28, 2026
BURLINGTON, VERMONT

TIME

SESSION

PDH OFFERED

ATTENDED

Day 1: Tuesday, August 25, 2026

8:00AM–12:00PM	○ Shear Decay	4	☐
	□ Transportation Asset Risk & Resilience	4	☐

Day 2: Wednesday, August 26, 2026

8:00AM–10:00AM	○ Practical Hydraulic Modeling	2	☐
	□ Coastal Extreme Events & Recovery	2	☐
10:30AM–12:30PM	○ Bridge Scour Analysis	2	☐
	□ Culvert Analysis & Design	2	☐
	△ Transportation Modeling with HEC-RAS	2	☐
1:30PM–3:00PM	○ NCDOT's Hurricane Helene Recovery Efforts	1.5	☐
	□ Data Driven Stormwater Management	1.5	☐
	△ Lightning Round A	1.5	☐
3:30PM–5:00PM	○ Flood Hazard Mitigation	1.5	☐
	□ Applied CFD in Transportation Hydraulics	1.5	☐

Day 3: Thursday, August 27, 2026

8:00AM–10:00AM	○ Scour Appraisals and POAs	2	☐
	□ Coastal Infrastructure Modeling	2	☐
10:30AM–12:30PM	○ Post Disaster Hydraulic Modeling	2	☐
	□ Aquatic Organism Passage	2	☐
	△ Scour Gone Wrong	2	☐
1:30PM–3:30PM	○ Hydraulic Modeling	2	☐
	□ Stormwater Modeling & Design	2	☐
	△ Lightning Round B	2	☐
4:00PM–6:00PM	○ Scour Countermeasures	2	☐
	□ Fluvial Geomorphology & Stream Stability	2	☐

Day 4: Friday, August 28, 2026

8:00AM–10:00AM	○ Advanced Infrastructure Resilience	4	☐
	□ Fluvial Geomorphology & Stream Stability	4	☐

Total PDHs Earned: _____

Racing the Storm Surge of Innovation

THANK YOU TO OUR SPONSORS

AUGUST 25–28, 2026
BURLINGTON, VERMONT



Innovative River & Structural Solutions

Unique design challenges arise where highways meet rivers. We've tackled these challenges nationwide on projects involving bridges, roads, culverts, and floodplains. We're helping communities rebuild in the aftermath of devastating floods and advancing the state of practice by developing manuals and delivering training for the FHWA and state DOTs. If you have special challenges with your facilities in river environments, you'll find our passion, experience and skill in hydraulic design to be invaluable.

800.666.3103 | www.AyresAssociates.com

California | Colorado | Florida | Minnesota | North Carolina | Wisconsin | Wyoming



TENACIOUS IN OUR SEARCH FOR INNOVATIVE SOLUTIONS

TO OUR CLIENTS' MOST PRESSING CHALLENGES



www.dewberry.com



NEW STRATEGIC PARTNERSHIP

DJ&A and WEST have formed a strategic partnership, uniting two firms with complementary strengths and shared values.



djanda.com
westconsultants.com



McFARLAND JOHNSON

PROUD TO SPONSOR NHEC, ADVANCING RESILIENT INFRASTRUCTURE, AND STRENGTHENING THE COMMUNITIES WE SERVE.

- WATER RESOURCES
- BRIDGE, CULVERT, & HIGHWAY DESIGN
- AVIATION PLANNING & DESIGN
- ENVIRONMENTAL & RESILIENCY SERVICES
- LAND DEVELOPMENT
- SITE/CIVIL ENGINEERING
- BUILDINGS/FACILITIES ENGINEERING
- GRANTS & FINANCIAL PLANNING
- PROGRAM & CONSTRUCTION MANAGEMENT
- TECHNOLOGY & ENERGY SOLUTIONS

PLEASE JOIN OUR VERY OWN

NICOLE BUCK, PE

FOR A DISCUSSION ON

GEOMORPHOLOGY AND INFRASTRUCTURE

802-862-9381

nbuck@mjinco.com



VERMONT CONFERENCE ROOM
THURSDAY, AUGUST 27th
1:30PM - 3:30PM
LIGHTNING ROUND B | **GROUP B**



www.mjinco.com

Racing the Storm Surge of Innovation

THANK YOU TO OUR SPONSORS

AUGUST 25–28, 2026
BURLINGTON, VERMONT



Neel-Schaffer has provided engineering, planning, and construction management services since 1983, guided by Care, Service, and Excellence.

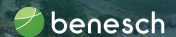


With 39 offices across the South, we have the local presence and expertise to manage your project from start to finish. Learn more at www.neel-schaffer.com.



- Transportation
- Water
- Civil/Site
- Environmental Services
- Support Services

Creating Resilient Solutions that Safeguard the Future



Across the country, Benesch has developed and implemented solutions—from bridge and culvert hydraulics to roadway drainage and floodplain management—that help communities protect water infrastructure and improve long-term resilience.

BENESCH PRESENTS

Hope After Helene:
Partnership to Restore Community
Connectivity in East Tennessee
Wednesday, August 26
3:30 – 5:00 PM
Presented by Brian Ralstin, PE, VMA



**SCAN HERE TO SEE
WHAT WE CAN DO**