**Conference** was developed by alumni and is sponsored by alumni first and foremost to benefit the Civil and Environmental Engineering students with the intent of making it a valuable event for all.

**SESSION III (1:40-2:15pm)**

**TRACK 1**

**SQUAMSCOTT ROOM (Hollomons Commons)** • **MODERATOR:** Ricardo Medina

- Zachary DiOrio: Structural Design Challenges for Nuclear Facilities
- Tim Nash: How to Stop a Birding lifestyle: Structural Solutions to Settlement
- Tony Covello: Forensic Structural Investigations of Flood Damage from Hurricanes & Bomb-Cyclones

**TRACK 2** - **EIGHT TO PE**: The First 48 Months of Your Career

**THEATER 2 (MUB)** • **PANEL DISCUSSION MODERATOR:** Tony Puntin

*Panelists:*

- Jason Peddle, Eddie Galvin, Lily Beyor, Mary Dotson

**TRACK 3**

**PISCATAQUA ROOM (Hollomons Commons)** • **MODERATOR:** Nancy Kinner

- Ryan Houle: Getting Your Boots Dirty: Construction Engineering Sva. A Junior Engineer's Perspective
- Tyler Rintz: Off Site Fabrication
- Adam Moskal: First Experience on a Design-Bid-Build in Sewer Collection Systems

**SESSION IV (3:15-4:30pm)**

**TRACK 1** - **THE CHANGING WORKPLACE** • **LIFE & WORK BALANCE**

**THEATER 2 (MUB)** • **PANEL DISCUSSION MODERATOR:** Erin Bell

*Panelists:*

- Matt Low, Becky Gaudreau, Jody Trunfio, Peter Atherton

**TRACK 2**

**PISCATAQUA ROOM (Hollomons Commons)** • **MODERATOR:** Robin Collins

- Corey Clark: The Black Knight of New England Dams – Mundus: Monitoring its Deficiencies, the Ensuing Drawdown and Reconstruction
- Robert Roscoe, Conservation Development for Improved Permitting & Added Project Value
- Mark Kelley: Converting a Storm Water Retention Pond to an Amenment Site, including Dredging and Wetland Mitigation at a Superfund Site

**TRACK 3**

**SQUAMSCOTT ROOM (Hollomons Commons)** • **MODERATOR:** Jean Benoit

- Anna Supranenko: Subsurface Investigation and Parallel Seismic Testing of Existing Pile Foundations, Route 1, Violett, Chelsea, MA
- Luis Damianno: Recovering Energy from Landfill Gas: An Environmental Benefit or Burden?
- Denk Long: Technology and Modern Landfill Design and Operations

**TRACK 4**

**COCHECÓ ROOM (Hollomons Commons)** • **MODERATOR:** Jo Daniel

*Panelists:*

- David Galglogay: Engineering and Asset Management
- Michael Carter & Whitney Coveil: 3D Laser Scanning and 3D Modeling
- Damen Benoit: Building Community Through Infrastructure: Wentworth, NH Covered Pedestrian Bridge

**GUEST SPEAKERS**

**BANQUET KEYNOTE SPEAKER:** *KATE WHITE*

Kate White, a registered professional engineer, leads the US Army Corps of Engineers (USEA) Associate Climate Preparedness and Resilience Community of Practice and has over 25 years of experience in the USEA. Her work includes development of policy, technology, methods, and tools to support climate preparedness and resilience. Her work reflects extensive interagency and expert collaboration in the areas of climate change that are related to USEA mission and operations, particularly the Civil Works program and water resources management. Topics include sea level change impacts and adaptation, hydrologically driven sediment and climate variability analyses affecting coastal projects, waterh欣, reservoirs, and supply chains. She is also responsible for implementation of climate preparedness and resilience in USEA projects, including agency technical review and oversight of policy and guidance. Dr. White holds B.S and M.S degrees in Civil Engineering and PhD in Civil & Environmental Engineering.

**BREAfKFAST SPEAKER:** *VICTORIA SHEEHAN - HDOO*

Victoria Sheehan has served as the Commissioner of the NH Department of Transportation since October 2015. Ms. Sheehan oversees a $650 million state agency of over 1,600 employees dedicated to providing safe and efficient transportation systems. In her previous position as Manager of Strategic Planning and Highway Performance at the Massachusetts Department of Transportation (MassDOT), Ms. Sheehan was responsible for the Highway Division’s $5 billion capital plan and annual $600 million operating budget. While at MassDOT, Ms. Sheehan also served as the Program Manager for the state’s recently completed $3 billion Accelerated Bridge Program. Commissioner Sheehan is originally from Ireland. She has a degree in Civil Engineering and Architecture from the University of Edinburgh.

**LUNCH SPEAKER:** *ROBERT SCOTT - USACE*

Robert R. Scott was sworn in as the USACE District Commander on June 29, 2017. He previously served as a Civil Engineer with the Air Resources Division (ARD) of the USACE. During his time as a Director, the ARD provided over $55 billion in support to the Air Force, Army, and Navy. His time at the ARD includes leading the execution of the National Oceanic and Atmospheric Administration's (NOAA) National Marine Stewardship Program, which provides $200 million in grants annually to support the recovery of key habitats, including coral reefs.

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ALUMNI COMMITTEE

- Conference Chair: Anthony Coviello, Iron Engineering, PLLC
- Conference Administrator: Kristen Parenteau, UNH Civil & Environmental Engineering Dept.
- UNH Civil Engineering Department Chair: Erin Bell
- Nancy Kinner, UNH Civil & Environmental Engineering Department
- UNH Graduate Student Conference Representatives: Dzijeme Ntumi, Melissa Gloekler
- UNH Undergraduate Student Conference Representative: Andrew Blizzard
- Matthew Low, Hoyle, Tanner & Associates, Inc.
- Keith Pratt, Underwood Engineers, Inc.
- David Gaylord, NHDOT
- Rebekah Gaudreau, WSP/Parsons Brinckerhoff
- Jason Peddle, SP5 New England, Inc.

PARKING

FREE Parking will be available in the UNH Campus Crossing Visitor Lot (formerly known as “Mill Road Lot”, across from the Hannaford parking lot – set GPS for 8 Mill Road)

THANK YOU TO OUR SPONSORS FOR HELPING TO MAKE OUR ALUMNI CONFERENCE A SUCCESS!

2018 UNH Civil and Environmental Engineering Alumni Conference

April 5, 2018

The 2018 UNH Civil and Environmental Engineering Alumni Conference is a forum for alumni of the Civil and Environmental Engineering Department to return to UNH and share with students, faculty, and each other their experiences, including professional project work, research, and/or other notable career achievements since leaving UNH. The Conference also provides a collegial forum for alumni to hear from and interact with both students and faculty. It’s a chance to play a role in the careers of future professionals!