



New England
Water Environment
Association
presents

96th Annual Conference

**Work for Water:
For Communities.
For the Environment.
For our Future.**

NEWEA 2025 Annual Conference & Exhibit

January 26 – 29
Boston Marriott Copley Place
Boston, Massachusetts



NEWEA
WORKING FOR WATER QUALITY

PRELIMINARY CONFERENCE PROGRAM



Scott Goodinson
NEWEA President



Maureen Neville
NEWEA Program
Committee Chair

Welcome to the 2025 NEWEA Annual Conference!

This year’s event theme is “Work for Water: For Communities. For the Environment. For our Future.” This theme emphasizes the need to recruit new professionals to the water industry and to work collaboratively to address current and future threats to our water environment and ensure the long-term sustainability of our water resources. With 41 technical sessions, a Student Poster Competition, a Tuesday Plenary Session, and two floors of exhibitors highlighting the industry’s latest products and services, this year’s program will address many elements of this theme.

The conference commences on Monday with the Opening Session at 11:00 AM. Attendees will hear from NEWEA and WEF leadership and our 2025 Keynote Speaker. Seven concurrent technical sessions on key water industry issues will take place in the morning and afternoon. Undergraduate and Graduate students will present their water quality research in the Student Poster Competition throughout the day. The afternoon winds down with the first of two Exhibit Hall receptions on the 3rd floor.

Tuesday offers another full day of exciting events. We celebrate and recognize operators by holding morning and afternoon Plant Operations technical sessions, as well as the lunchtime Operator’s Reception. A Plenary Session will take place from 11:00 AM to 12:30 PM, featuring a panel discussion on the future of water followed by pitches from innovators highlighting emerging solutions to water industry issues. Innovators will also showcase their technologies and foster discussions on water innovation in morning and afternoon technical sessions, and we invite you to visit our Innovation exhibitors at their booths in the 3rd Floor Atrium. The day concludes with an Exhibit Hall reception on the 4th floor.

The final day of the conference features exhibits and morning and afternoon technical sessions, our lunch-time awards ceremony recognizing outstanding work in our industry, and the passing of the gavel to the 2025 NEWEA President, Deborah Mahoney of Brown and Caldwell. We hope you take advantage of all the 2025 Annual Conference has to offer and use this occasion to connect with and support your water industry colleagues.

We wish to recognize the significant efforts of the Meeting Management Council and members of the Program, Registration, Exhibits, and Awards Committees who make this conference one to look forward to each year. Thanks to the members of all the technical committees who review abstracts, moderate sessions, and provide the technical and subject matter expertise we need to do our jobs better. This conference would not be possible without the tireless efforts of the NEWEA office staff: Mary Barry, Janice Moran, Jordan Gosselin, Heather Howard, and Natalie Haddad. Thank you for your dedication, energy, professionalism, new ideas, and patience in planning and coordinating this great event every year!

Scott Goodinson, NEWEA President
Maureen Neville, NEWEA Program Committee Chair

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WORKING FOR WATER QUALITY

New England Water Environment
Association Presents:

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For Communities.
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**NEWEA 2025 Annual
Conference & Exhibit**

January 26–29, 2025
Boston Marriott Copley Place, Boston, MA

Conference Events

Sunday, January 26

Registration (4th Floor).....	9:00 AM–4:00 PM
Young Professionals Summit	10:00 AM–4:00 PM
Registration from 9:00–10:00 AM <i>See description on page 29</i>	
New Committee Chair and Council Director Orientation	10:00 AM–Noon
Executive Committee Meeting	Noon–3:30 PM
Exhibit Hall Set-Up	Noon–6:00 PM
President’s Reception (3rd Floor Atrium).....	4:00–6:00 PM

Monday, January 27

Registration (4th Floor).....	7:00 AM–6:00 PM
Coffee and Continental Breakfast (3rd Floor Atrium).....	7:30–9:00 AM
Young Professionals Lounge	7:30–9:00 AM
Hosted by the YP Committee. Young Professionals & Students are welcome to stop in. YP Committee Chair: Emily Korot, CDM Smith	
Annual Business Meeting	8:00–8:30 AM
Welcome and Opening Remarks: Scott Goodinson, NEWEA President/ Narragansett, RI - Presentation and vote on 2025 Slate of NEWEA Officers. <i>See description on page 28</i>	
Technical Sessions 1–7	8:30–10:30 AM
<i>See descriptions beginning on page 7</i>	
College Student Poster Board Competition (3rd Floor Atrium)	9:00 AM–3:30 PM
Coordinator: Joanna Sullivan, VHB • Session with Authors.....	12:30–2:30 PM
Awards	3:00–3:30 PM
<i>See description on page 26</i>	
Exhibit Hall Grand Opening	10:30 AM
Paul Russell, Exhibits Committee Chair; Scott Goodinson, NEWEA President. Grand opening will take place at the main entrances of both the 3rd and 4th floor exhibit areas.	

Monday, January 27 continued

Exhibits (3rd and 4th Floor Exhibit Areas).....	10:30 AM–6:30 PM
Please note that the 3rd and 4th floor exhibit areas are connected by a stairwell in the back of the exhibit hall. See page 38-39 for list of exhibitors (as of 10/4/24).	
Opening Session	11:00 AM–Noon
See description on page 5	
Select Society of Sanitary Sludge Shovelers' Lunch	Noon–2:00 PM
by invitation—Charles Tyler, Influent Integrator	
Technical Sessions 8–14	2:00–4:30 PM
See descriptions beginning on page 10	
Exhibit Hall Break	3:00–3:30 PM
Committee Fair (4th Floor Hallway).....	3:00–4:00 PM
See description below	
Exhibit Hall Reception (3rd Floor Exhibit Area).....	4:30–6:30 PM

Tuesday, January 28

Registration (4th Floor).....	7:00 AM–6:00 PM
Coffee and Continental Breakfast (3rd Floor Atrium).....	7:30–9:00 AM
Innovation Pavilion Exhibitors	8:00 AM–4:30 PM
See description on page 27	
Exhibits (3rd and 4th Floor Exhibit Areas).....	8:00 AM–6:30 PM
Technical Sessions 15–21	8:30–11:00 AM
See descriptions beginning on page 13	
Committee Fair (4th Floor Hallway).....	9:30–10:30 AM
See description below	
Exhibit Hall Break	9:30–10:00 AM
Plenary Session	11:00 AM–12:30 PM
Operator's Reception	12:30–1:45 PM
Sponsored by:	
Connecticut Water Environment Association	
Green Mountain Water Environment Association	
Maine Water Environment Association	
Massachusetts Water Environment Association	
New Hampshire Water Pollution Control Association	
Rhode Island Clean Water Association	
Technical Sessions 22–28	2:00–4:30 PM
See descriptions beginning on page 16	
Exhibit Hall Break	3:00–3:30 PM
Exhibit Hall Reception (4th Floor Exhibit Area).....	4:30–6:30 PM

NEWEA's Committee Fair

Make the most of your membership by getting involved in one of NEWEA's committees. Put your passion and expertise to work while getting more exposure to networking opportunities by signing up for a volunteer committee!

Wednesday, January 29

Registration (4th Floor).....	7:30 AM–2:00 PM
Exhibits (3rd and 4th Floor Exhibit Areas).....	8:00 AM–1:00 PM
Technical Sessions 29–35	8:30–11:00 AM
<i>See descriptions beginning on page 20</i>	
Exhibit Hall Break	9:30–10:00 AM
Exhibit Area Brunch	11:00 AM–1:00 PM
The exhibit area brunch will be held in both the 3rd and 4th floor exhibit areas	
NEWEA Awards Ceremony and Lunch (ticket required).....	11:00 AM–1:00 PM
Technical Sessions 36–41	1:00–3:00 PM
<i>See descriptions beginning on page 23</i>	
Adjourn	3:00 PM

TRAINING CONTACT HOURS

This program has been submitted and is pending approval from all six New England states for Training Contact Hours (TCHs).

Code of Conduct

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NEWEA is committed to providing a professional, safe, and welcoming environment during its in-person and virtual events for all water professionals and their guests. NEWEA expects all attendees, exhibitors, speakers, sponsors, media, and other participants to uphold our commitment to diversity and inclusion by helping us provide a positive conference environment for everyone. View Code of Conduct at: <http://www.newea.org/wp-content/uploads/2020/08/NEWEA-Code-of-Conduct-Events.pdf>

By voluntarily choosing to attend NEWEA's conferences and events, participants assume all risks associated with exposure to illness.

Individuals who test positive for COVID-19 and/or who are experiencing any cold/flu like symptoms should not attend.

All conference participants must sign the Attendee Terms and Conditions during registration. View Attendee Terms at: <http://www.newea.org/wp-content/uploads/2021/08/AttendeeTermsConditions.pdf>

Monday
11:00 AM–Noon

Moderator:
Maureen Neville
NEWEA Program Chair
Woodard & Curran

Opening Session

Welcome:

Scott Goodinson, NEWEA President
Narragansett, RI

Join us on Monday morning to commence the 2025 Annual Conference & Exhibit with our Opening Session. Attendees will hear from NEWEA President Scott Goodinson about initiatives introduced and advanced during his yearlong presidency and from NEWEA's own Howard Carter, who is serving as 2024-25 Water Environment Federation (WEF) President, on the latest WEF actions and programming.

Following these presentations, the Conference Keynote will speak, with time allotted for audience Q&A. We look forward to announcing our 2025 Keynote as the Conference approaches.

Tuesday
11:00 AM–12:30 PM

Plenary Session: The Future of Clean Water - Workforce

Current and emerging challenges are threatening our water environment and industry, including a critical need for infrastructure investment, emerging contaminants, and climate change. New technologies, ideas, and approaches are needed to address these issues and ensure the sustainability of our water resources. Additionally, the water industry needs to implement workforce initiatives to ensure a pipeline of qualified candidates are filling essential roles and utilities can continue to provide reliable drinking water and clean water services to the communities they serve.

Throughout the first portion of the Plenary Session program, a panel of experts will discuss climate/resilience, innovation, financing, and communications. Through a guided conversation, as well as audience questions, we will dig into the issues that matter most to clean water professionals to inform, inspire, and explore the future of the water industry.

Following this panel, the session will highlight leading innovators and the technologies they are developing as potential solutions to these challenges facing our industry. The innovators will be in attendance to engage in conversation with the panelists and answer questions from the audience. Attendees can also follow up with innovators by visiting their exhibit booths in the 3rd Floor Atrium.

Monday
8:30–10:30 AM

Technical Sessions 1–7

Session 1

Collection Systems 1: Take Risks and Try New Things

Moderators:

Paul Millett,
Environmental Partners
Tom Loto, AECOM

Sewer Pipeline Delivers Prime Economic Development in North Andover, MA

Michael Camadeco, Woodard & Curran

Dancing with the Models! SWMM and Physical Models used to Optimize Design of the Cemetery Brook Drain Tunnel

Tatyana Dudiac, CDM Smith
Shawn Lavoie, CDM Smith

Connecting Properties to a Sewer – Maybe Not as Straightforward As It Sounds

Justin Rosenberg, AECOM
Tom Loto, AECOM

Promoting Regional Growth Opportunities through Collaboration and Cooperation – East Bridgewater Sewer Extension Project

Ryan Henley, Weston & Sampson
Anna Wojcik, Weston & Sampson

Session 2

Young Professionals 1: Flood Mitigation Showdown– YPs vs. Rising Rivers

Moderators:

Sarah Viola, Wright-Pierce
Ryan Morais, Fuss & O'Neill

This interactive workshop, designed by young professionals in collaboration with experienced practitioners, will start with an overview of floodplain mitigation fundamentals. Then, using a case study as a jumping off point, participants will design a solution to a flooding scenario and have their ideas tested using the Ward's® Stormwater Floodplain Simulation System. Participants will develop an understanding of important flood mitigation principles and see how their decisions translate to a simulated scenario.

Kathryne Lovell, Woodard & Curran

Monday
8:30–10:30 AM

Technical Sessions 1–7

Session 3

Utility Management 1: Cyber Security

Moderators:

Kevin Garvey, Wright-Pierce
Brian Olsen,
Carlsen Systems

Understanding Your Risk to Cyber and Physical Threats and What Resources are Available

Joe Flores, CISA
Daniel King, CISA

Cyber/ Physical Threat Implementation

Bob Schwarm, The MDC

OT Cybersecurity - Easier Said Than Done

Matthew Lick, CDM Smith

Session 4

Residuals & Biosolids 1: PFAS Treatment Technologies

Moderators:

Vanessa Borkowski,
Stantec
April Sargeant, RMI

BioHub: Your One Stop PFAS Technology Shop

Jennifer Lichtensteiger, NEIWPCC

Breaking the Cycle - Disposal Issues and Destruction Technologies

Eric Spargimino, CDM Smith

Do I Need To Dry The Cake? An Overview Of Sludge Drying Technologies And Drivers For Implementation

Terry Goss, AECOM

Evaluation of Sewage Sludge for Processing in Autothermal Pyrolysis

Philip Pedros, Mott MacDonald

Session 5

Watershed Management 1:

Part A: Directions of Large-Scale Watershed Planning

Part B: Management of Urban Ponds in Southeastern MA

Moderators:

Julie Sullivan, MWRA
Sarah Nalven, VHB

Nutrient Management: Practices, Policies, and Partnerships

Andrew Thuman, HDR

A Tale of Two Watersheds: A Comparative Study of Flood Modeling in the Charles and Neponset Watersheds

Indrani Ghosh, Weston & Sampson

Unique Funding Strategies for Improving the South Watuppa Pond Watershed

Zach Henderson, Woodard & Curran
Paul Ferland, City of Fall River, MA

Sassaquin Pond: Improving a Treasured Neighborhood Resource through Watershed-based Planning

Zachary Eichenwald, CDM Smith
Bernadette Kolb, CDM Smith
Shawn Syde, City of New Bedford, MA
Zoe Schmitt, CDM Smith

Monday
8:30–10:30 AM
.....

Technical Sessions 1–7

Session 6

**Asset Management 1:
Leveraging Artificial
Intelligence and
Digital Twins for Asset
Management**

Moderators:

Dan Capano,
Gannett Fleming
Sharon Nall, NHDES

**Advancing Utility Adoption of Large Language
Models: Practical Applications in Asset Management**

Andrew Goldberg, Brown and Caldwell
Dillon McCormick, Brown and Caldwell

**AI-Based Sensor Anomaly Detection for Collection
System Sensor Networks**

Olivier Fradet, Tetra Tech

**An AI-Informed Approach to Predicting Water Main
Failures and Prioritizing Repairs**

Varun Srinivasan, Trinnex
Katie Deheer, Trinnex
Rajan Ray, Trinnex
Shervin Khazaeli, Trinnex

Digital Twins for Efficient Operations

Chris Lorrain, LandTech Consultants

Session 7

**CSO/Wet Weather
Issues 1: Optimization of
CSO Control Projects**

Moderators:

Keith Gardner, Stantec
James Drake, CDM Smith

**Play Ball! – Optimizing CSO Control Around an MLB
Double A Affiliate Stadium**

Colin O'Brien, Brown and Caldwell
Eric Fontenot, Brown and Caldwell
Fred McNeill, City of Manchester, NH

If You Can't Pump It, Store It

Ryan Wingard, Wright-Pierce

**Massachusetts Water Resources Authority's Quick
Thinking to Allow Additional CSO Outfalls to Meet
LTCP Goals**

Erika Casarano, AECOM

**Combined Sewer Overflow Abatement: Turning the
Blackstone River Blue**

Abby Byrne, Wright-Pierce

Monday
2:00–4:30 PM

Technical Sessions 8–14

Session 8

Government Affairs 1: Regulatory Roundtable

Moderators:

Jeff McBurnie,
Casella Resource Solutions
Jeff Lemay,
Town of South Windsor, CT

There are many challenges facing the six states that make up the New England region. The intention of the Regulatory Roundtable Session is to allow for discussion of common issues/solutions and to facilitate the exchange of information.

Panelists from all six states will present.

Session 9

Young Professionals 2: Centrifugal Pump Fundamentals – Let's Take Apart a Pump!

Moderators:

Andrew Elderbrock, Arcadis
Fiona Worsfold,
Brown and Caldwell

Come take apart a pump and learn more about what the pieces of a pump look like! This interactive session is great for anyone who is involved with operating, maintaining, designing, or specifying a centrifugal pump system.

Nick Tooker, University of Massachusetts
Jaimie Payne, Bartlett & West
Nick Valinkski, Woodard & Curran
Stephanie Salerno, Wright-Pierce

Session 10

Plant Operations 1: Need to Do More With Less? Make That Process More Intense!

Moderators:

Amanda Sparks,
Woodard & Curran
Allie Greenfield,
Woodard & Curran

Need to Upgrade or Expand with no Space? You've Got Options

William McConnell, CDM Smith

Super Intensification of BNR: Combining MABR & Continuous Flow Densification at the Yorkville-Bristol Sanitary District

Matt Reeve, Veolia
Laura Stock, Veolia

Diversifying the Carbon Portfolio Using Cranberry Syrup Waste as Supplemental Carbon Source in a Sidestream EBPR Demonstration

Fabrizio Sabba, Black & Veatch

Evaluating Full-Scale Impacts of Densified Activated Sludge on Disinfection Efficacy

Brian Hilts, CDM Smith

Exhibit Hall Break

3:00–3:30 PM

Monday
2:00–4:30 PM

Technical Sessions 8–14

Session 11

Stormwater 1: Compliance with Contaminant Tracking & Treatment Systems

Moderators:

Vonnie Reis,
City of Melrose, MA
Joe Kietner,
City of Westfield, MA

Stormwater Sleuths: Innovative IDDE Strategies in New Bedford

Cynthia Baumann, CDM Smith
Shawn Syde, City of New Bedford, MA

LWSC's IDDE Program – Charting a Course to Cleaner Waters at Kings Beach

Natalie Pommersheim, Environmental Partners
RaeAnna Hughes, City of Lynn, MA
Vern Lincoln, Environmental Partners

Meeting Evolving NPDES Permit Limits for Stormwater: Approach for Holistically Evaluating Novel Inline Stormwater Treatment Systems

Caitlyn Butler, University of Massachusetts
Amy Mueller, Northeastern University
Charlie Jewel, BWSC

Stormwater Showdown: Navigating the Challenges of Strict Permit Compliance in Industrial Settings

Daniel Bourdeau, Geosyntec Consultants
Tom Sweeney, Allied Recycling Center

Session 12

Collection Systems 2: An Ounce of Prevention is Worth a Pound of Cure

Moderators:

Brendan Doyle,
BLD Services
Brad Hayes,
Woodard & Curran

The Design and Construction Management of Accelerated Sewer and Lateral Rehabilitation to Renew Infrastructure and Reduce CSOs in Northern Hartford

Brian Brown, CDM Smith
Jason Waterbury, The MDC
Thomas Robbins, The MDC

Dover Road Pumping Station-A Self-Cleaning Trench Wet Well Success Story

Paul Moulton, AECOM

Sewer Maintenance and Repair: A Master Plan or the Seat Of Your Pants?

Louis Mammolette, Dewberry

The Future of Wastewater Surveillance

Scott Craig, CDM Smith
John Sheets, CDM Smith
Rasha Maal-Bare, CDM Smith

Exhibit Hall Break

3:00–3:30 PM

Monday
2:00–4:30 PM

Technical Sessions 8–14

Session 13

Public Awareness: Communication Strategies and Tools

Moderators:

Denise Descheneau,
Upper Blackstone
Clean Water
Adam Yanulis,
Tighe & Bond

Building a Community – Specific PFAS Cycle to Inform Program Management and Communications on Nantucket

Andrew Miller, CDM Smith
Chuck Larson, Town of Nantucket, MA
Gregg Tivnan, Town of Nantucket, MA

Community Outreach – The Alpha and Omega of Odor Control

Richard Pope, Hazen and Sawyer

Empowering and Celebrating Community Members Who Implement Best Practices on Their Properties to Protect Coastal Ecosystems and Local Water Quality

Alissa Cox, University of Rhode Island

Open House Toolkit – How to Open Your Facilities to the Public

Emily Cole-Prescott, City of Saco, ME
Phil Tucker, York Sewer District

Session 14

Small Communities

Moderators:

Dennis Hallahan, Infiltrator
Water Technologies
Chris Hayward,
Pare Corporation

Adapting Infrastructure to Climate Change in Small Communities

Julia Khrakovsky, GHD

We've Created a Wastewater Bathtub! A Truck Stop's Challenging Wastewater Treatment & Subsurface Dispersal System on a Steeply Sloped Site

Jason Hofmann, Fuss & O'Neill

Building Resilient Wastewater Infrastructure: Decentralized Systems and Adaptive Design

Patrick Compton, F.R. Mahony & Associates

I/A OWTS Update

Bruce Walton, NEWEA I/A OWTS Task Force
Scott Horsley, Horsley Consulting

Exhibit Hall Break

3:00–3:30 PM

Tuesday
8:30–11:00 AM

Technical Sessions 15–21

Session 15

**Plant Operations 2:
Leveraging Data for
Improved Design,
Operations, and Control**

Moderators:

Caleb Shen,
Thompson Pipe Group
Ben Levin,
Hazen and Sawyer

Vesilind Revisited: Secondary Clarifier Design and Operating Curve Refinement

Allie Greenfield, Woodard & Curran
Maureen Neville, Woodard & Curran
Paul Dombrowski, Woodard & Curran

Addressing Severe Wastewater Filament Problems – A Case Study in Process Troubleshooting and Bringing a Struggling Plant Back to Regulatory Compliance

Patrick Radabaugh, Dewberry
Brendan Cavanaugh, Colorado Springs Utilities
Todd Shafer, Dewberry

Ensuring Sensor Reliability: Best Practices for Ammonia-Based Aeration Control Processes

Adrienne Stenz, YSI
John Downey, Veolia

Modernizing Wastewater Compliance and Operations Through a Digital-First Framework at The Mattabassett Sewer District, CT

Varun Srinivasan, Trinnex
Arthur Simonian, Mattabassett District
Travis Wagner, Trinnex
Ty Wagner, Mattabassett District

Session 16

Workforce Development

Moderators:

Bill Boornazian,
City of Portland, ME
James Plummer,
NEIWPCC

Construction Compliance & Diversity

Jeffrey King, The MDC
Biviana Cassanova, The MDC
Carlos Bravo, The MDC

Attention to Retention

Hannah Schulz, Woodard & Curran
Amy LeBel, Woodard & Curran

Sparking Interest in Water Careers: Onsite Wastewater Treatment Systems as a Unique University Capstone Learning Opportunity and Exposure to Careers

Alissa Cox, University of Rhode Island

Leveling Up: Gamification of Operator Training

Susan Guswa, Woodard & Curran
Maureen Neville, Woodard & Curran
Allie Greenfield, Woodard & Curran
Paul Dombrowski, Woodard & Curran

Exhibit Hall Break
9:30–10:00AM

Tuesday
8:30–11:00 AM

Technical Sessions 15–21

Session 17

Contaminants of Emerging Concern 1: PFAS Treatment Technologies

Moderators:

Amy Hunter, AECOM
Meghan Otis,
Wright-Pierce

Holistic PFAS Management in Wastewater and Biosolids

Kelly Landry, Hazen and Sawyer

Turn Your Bioreactor into a PFAS Removal Engine—A Novel Approach to Dramatically Reduce Cost of Treatment

Paul Rodriguez, ECT2

Destruction Efficiencies of Subcritical and Supercritical Water Oxidation for the Destruction of PFAS and Contaminants of Emerging Concern

Sudhakar Viswanathan, 374Water

Exploring PFAS Removal from Landfill Leachate: A Comparative Analysis of Four Foam Fractionation Technologies

Fabrizio Sabba, Black & Veatch

Session 18

Stormwater 2: Next Steps in the Nutrient Dilemma – A Panel Discussion

Moderators:

Zach Henderson,
Woodard & Curran
Natalie Pommersheim,
Environmental Partners

Regulatory changes have set the stage for unprecedented and extensive stormwater-based nutrient reduction strategies in New England. Communities face large capital expenses to meet new nutrient load allocations in MS4 permits, and creative, economical strategies are urgently needed. Join panelists from both inside and outside our industry circle to discuss how we can eliminate hurdles to cost-effective nutrient control implementation, with a specific focus on planning and financing challenges and opportunities.

Panelists TBD

Session 19

Innovation 1: Smart Monitoring and Inspection in the Water Sector

Moderators:

Chi Ho Sham, NEWEA
Innovation Committee
Viktor Hlas, Opti

Smart Sewer Sensor Deployment – Tracking Wet Weather Performance for Resiliency and Sustainability

Bridget Harper, Tetra Tech

Water Quality Monitoring with dataCAST

Josh Soper, CDM Smith
Eoin Howlett, Trinnex
Jon Ball, City of Los Angeles, CA

Wastewater Quality Monitoring in the Collections System for Discharge Control

Quinn Moss, Xylem

The Future is Smart Sewer Inspections

Joshua Ford, PipeAid
Kevin Campanella, Burgess & Niple

Exhibit Hall Break

9:30–10:00 AM

Tuesday
8:30–11:00 AM

Technical Sessions 15–21

Session 20

**Industrial Wastewater:
Pretreatment Process
Innovations, Lessons
Learned, and Local
Limits**

Moderators:

Sara White,
UniFirst Corporation
Matthew Dickson,
Haley Ward

Developing Flexible Local Limits

Joshua Balentine, Brown and Caldwell

Charged Bubble Floatation Based Solids Removal of High Strength Industrial Waste Streams

David Graham, Stantec

Managing Unintended Consequences: Mitigating Disinfection By Product Formation by Modified Disinfection Chemistry

Audrey Karl, CDM Smith
Eric Staunton, CDM Smith

Semiconductor Manufacturing Wastewater Treatment with Water Reuse

Justin Motta, Stantec
Roman Lis, Stantec

Session 21

**Sustainability 1:
Climate Resiliency
and Sustainability
Foundations and
Funding**

Moderators:

Maeve Carlson,
Wright-Pierce
Meredith Zona,
Stantec

Climate-Adaptive Infrastructure: Leveraging Life Cycle Assessments for Future Decision-Making

Jessica Wagner, JKMuir
Megan Coleman, JKMuir

Climate Change Readiness through Adaptation Planning

Rina Dalal, CDM Smith

Leveraging State Revolving Funds to Strengthen Climate Resiliency for New England's Wastewater and Stormwater Systems

Laura Collins, New England Environmental Finance Center
Chloe Shields, University of Maine

Assessing Climate Change Vulnerabilities of Water/Wastewater Systems: A Standardized Approach for Prioritizing Resilience Actions in NH Communities

Rupsa Roy, Weston & Sampson
Cassidy Yates, Weston & Sampson
Ethan Widrick, NHDES
Indrani Ghosh, Weston & Sampson

Exhibit Hall Break
9:30–10:00 AM

Tuesday
2:00–4:30 PM

Technical Sessions 22–28

Session 22

Stormwater 2: Innovative Flood Management Strategies

Moderators:

Mary Tchamkina, Raftelis
Sadia Khan, Kleinfelder

Is Watershed Real-Time Control a Solution to Urban Flooding?

Alex Simpson, Weston & Sampson
Aaron Clausen, City of Lynn, MA
RaeAnna Hughes, City of Lynn, MA

Flood Resilience through Stream Daylighting and Stormwater Upgrades

Eric Kelley, Environmental Partners
Maria George, Environmental Partners

Retrofitting Existing Stormwater Infrastructure to Meet Modern Standards for Watershed Management

Carly Quinn, Woodard & Curran
Derek Adams, Town of Franklin, MA

Detention, Infiltration, and Stormwater Harvesting with Real-Time Controls on a Private Development in Watertown, MA

Dayton Marchese, OptiRTC

Session 23

Plant Operations 3: Enhancing Biological Phosphorus Removal with S2EBPR

Moderators:

Sarah Viola,
Wright-Pierce
Nick Tooker, University of
Massachusetts

Sidestream EBPR is About the Fundamentals: Simple Strategies to Enhance Biological Phosphorus Removal

Alexandra Doody, CDM Smith
Eric Staunton, CDM Smith
Nigel Beaton, CDM Smith

Startup, Operation and Troubleshooting of the Sidestream Enhanced Biological Phosphorus Removal (S2EBPR) Process

Paul Dombrowski, Woodard & Curran
Kerri Lopes, Massachusetts DOC
Mark Ready, Massachusetts DOC

Optimizing Enhanced Biological Phosphorus Removal for Successful Wastewater Treatment: Lessons Learned from S2EBPR Operation in a C-limited Facility

Fabrizio Sabba, Black & Veatch

Panel Discussion

Speakers TBD

Exhibit Hall Break

3:00–3:30 PM

Tuesday
2:00–4:30 PM

Technical Sessions 22–28

Session 24

Residuals & Biosolids 2: Biosolids Management Risks and Regionalization Solutions – Part 2

Moderators:

Vanessa Borkowski,
Stantec

Eric Spargimino,
CDM Smith

This session is a follow up to the Biosolids Management Risks and Regionalization Solutions session from the 2024 Conference and will address the drivers and progress with respect to biosolids regionalization within New England via a panel discussion about current regionalization / source-control programs, technical advancements, and biosolids management practices. Current program discussions will tap local Water Resource Recovery Facility managers to get an update on their existing projects. It will also discuss other regions that have been successful in implementing biosolids regionalization facilities. This session will also provide context for the types of regulations that encourage and hinder biosolids regionalization from the utility manager's perspective and how third-party contractors are approaching biosolids management within these bounds. The final component of the session will source-control programs that have been implemented. This session is intended to be an interactive session.

Panelists TBD

Session 25

Collection Systems 3: No Harm in Hoping for the Best as Long as You Are Prepared for the Worst

Moderators:

Dan Kramer,
Hazen and Sawyer

Adam Moskal,
Woodard & Curran

Protecting Critical Infrastructure: Phases 1 and 2 of the Beardsley Force Main Renewal

Sarah Wohlfahrt, Arcadis
Sean Mitchell, Arcadis

Emergency CIPP Repair of PCCP Process Piping at Wastewater Treatment Facility

Matthew Ribeiro, AECOM
Mark Szela, Azuria
Mike Wilson, SESD
Patrick Castrogiovanni, Methuen Construction

Running Between Raindrops: Corrosion Repair of a Critical CSO Pump Discharge Pipe

Kevin Krawiec, Corrosion Probe
Alejandro Alvarez, MWRA

Another Ductile Iron Force Main Failure: Replacement of 16,000 Linear Feet of Sewer Force Main for the Town of Whitman

Andrew Grota, Environmental Partners
David Lemay, Town of Whitman, MA
Ziad Kary, Environmental Partners

Exhibit Hall Break

3:00–3:30 PM

Tuesday
2:00–4:30 PM

Technical Sessions 22–28

Session 26

**Innovation 2:
Digital Future Is Here to
Stay in the Water Sector**

Moderators:

Chi Ho Sham,
NEWEA Innovation
Committee
Viktor Hlas, OptiRTC

**Using Machine Learning to Estimate Wastewater
Infrastructure Coverage in the US**

Nelson da Luz, University of Massachusetts

Identification of PFAS Origin with Machine Learning

Gregory Coyle, Brown and Caldwell

**Digital Transformation in the Water Industry:
Overcoming Barriers and Enhancing Efficiency
through the Asset Generator Case Study**

Alan Levy, Arcadis

**Harnessing the Transformational Impact of
Software-Defined Automation**

Gerald Mullaney, Schneider Electric

Session 27

**Utility Management 2:
Utility Management**

Moderators:

Donald Gallucci,
Wright-Pierce
Karla Sangrey,
Upper Blackstone
Clean Water

**Cleaner Rivers and Equitable Rates for Stormwater
Funding in Boston**

Henrietta Locklear, Raftelis
Anthony Dello-Iacano, BWSC
Luicano Petruziello, BWSC
Richard Sullivan, BWSC

**Operating Under Emergency – Designing for Repair
When Failure is Imminent**

Rychel Gibson, Wright-Pierce

Comprehensive Utility Management Practices

Landon Kendricks, Black & Veatch

**How to Ensure Success at all Levels of an
Organization**

Jim Courchaine, Hazen and Sawyer

Exhibit Hall Break

3:00–3:30 PM

Tuesday
2:00–4:30 PM

Technical Sessions 22–28

Session 28

Diversity, Equity, & Inclusion:

The Pivotal Role Equity Has to Enhance the Environment of Access, Belonging and Opportunities in the Workplace

Let's Talk - How Embracing DEI&B Can Transform the Workplace

Sarah Jakositz, CDM Smith

**The Women's Environmental Network:
Building Community and Empowering One Another**
Angela Moulton, CDM Smith

Making the Non-Apparent, Apparent: Shedding Light on Hidden or Invisible Disabilities in the Workplace
Victoria Verlezza, Fuss & O'Neill

Moderator:

Stephen King,
Town of Danvers, MA



Exhibit Hall Break
3:00–3:30 PM

Wednesday
8:30–11:00 AM

Technical Sessions 29–35

Session 29

Youth Education: Re-engaging Communities After a Pandemic Pause

Moderators:

Danielle Gallant,
CDM Smith
Kerry Reed,
Town of Hopkinton, MA

The Youth Education Committee will present the available community engagement and education materials available free through the NEWEA YEC website. The YEC will also hold a panel discussion with community and educational leaders from the region on their successes (and lessons learned) with re-engaging communities after a Pandemic pause.

Panelists TBD

Session 30

Government Affairs 2: Funding and Support

Moderators:

Adam Higgins,
Wright-Pierce
Jeff McBurnie, Casella

The National Water Policy Fly-in – Heard About It? Now Learn About It!

Peter Garvey, Dewberry

Navigating the Funding Landscape

Francesca McCann, Black & Veatch

So... you're having a BABA

Leslie Corcelli, EPA
Kelly Tucker, EPA

Water/Wastewater Plant WARN & EMAC Assistance for Extreme Weather Events

Sarita Croce, NEIWPC
David Aucoin, NBC
Thomas Guthlein, RIEMA

Session 31

Stormwater 3: Permitting, Inspections and Maintenance – Oh my!

Moderators:

Eric Kelley,
Environmental Partners
Maria Rose,
Town of Brookline, MA

Vermont Three-Acre Permit Compliance at Four Sites in South Burlington

Julia Keay, Geosyntec Consultants
Marisa Rorabaugh, City of South Burlington, VT

Municipal Stormwater Control Measure (SCM) Inspection and Maintenance (I&M) Guidance

Annaliese Keimel, VHB

Self-Certification Program for Private SCM Inspections - Lessons Learned

Cambria Ung, City of Cambridge, MA

Establishing & Communicating Stormwater Control Measure O&M Requirements in the Charles River Watershed

Carly Quinn, Woodard & Curran

Exhibit Hall Break

9:30–10:00 AM

Wednesday
8:30–11:00 AM

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Technical Sessions 29–35

Session 32

Plant Operations 4: Innovative Approaches to Nutrient Management

Moderators:

Emily Korot, CDM Smith
Uday Karra, Arcadis

Implementing Biological Nutrient Removal (BNR) using a Hybrid Step Feed Process at Springfield's Regional Wastewater Treatment Facility

Kevin Smith, AECOM
Matthew Nolen-Parkhouse, Veolia
Steven Frederick, SWSC

Overcoming Inhibition and Achieving Reliable Nitrogen Removal with Nanobubble Technology

Susan Guswa, Woodard & Curran
Andrea White, Moleaer
Greg Parks, Woodard & Curran
Maureen Neville, Woodard & Curran

Linking a Village: Converting A Small WWTF to Consolidate Treatment Operations Within a City

Justin Durant, Wright-Pierce

Collaborative and Innovative Efforts for Fast-Track Projects

Gilson Hogan, Kleinfelder
Joel Jones, Portland Water District
Jose Infante Corona, Kleinfelder
Stephanie Hubbard, Kleinfelder

Session 33

Asset Management 2: Case Studies in Asset Management

Moderators:

Georgine Grissop,
CDM Smith
Kate Roosa,
Environmental Partners

Data-Driven Capital Planning: A Town of Franklin, MA Case Study

Len Sekuler, Arcadis
Doug Martin, Town of Franklin, MA

Transforming Asset Management: Lorain Utilities Department's Journey to Improved Performance and Reliability

Laith Alfaqih, Stantec
Douglas Dietzel, City of Lorain, OH
James Hale, Stantec

Supporting Pipe Dreams: Using ArcGIS Field Maps for Offline Asset Inspection

Zachary Adams, CDM Smith

Stop with the Shiny Stuff... Let Us First Get Back to Basics

Christopher Cogan, Portland Water District
Evan Kane, Portland Water District

Exhibit Hall Break

9:30–10:00 AM

Wednesday
8:30–11:00 AM

Technical Sessions 29–35

Session 34

Energy: Energy Enhancements to Drive Energy Savings at Small and Larger Facilities

Moderators:

David Michelsen, SESD
Tracy Chouinard,
Brown and Caldwell

Implementing Impactful Energy Savings on a Budget

Cynthia Castellon, Tighe & Bond
Jeff Neal, Town of Ipswich, MA
Daniel Roop, Tighe & Bond

The Triple Crown of Energy Efficiency at MWRA's Braintree-Weymouth Pump Station

Marc Moccio, Wright-Pierce
Patrick Smith, MWRA

Innovative New Media with Advanced Deep Bed Primary Filtration Makes Significant Strides

Amit Kaldate, Tomorrow Water

Energy Enhancements Leads to Net Zero Facility Performance

Colin O'Brien, Brown and Caldwell

Session 35

Water Reuse: Got Water? Reuse Opportunities in New England and Beyond!

Moderators:

Dennis Greene, NHDES
Meredith Zona, Stantec

Understanding Water Reuse Project Drivers and Technology Selection – When Will Water Reuse Make Sense in the Northeast?

Greta Zornes, CDM Smith

How the City of Wichita Conquered Elevated Atrazine, Viruses, TOC & Turbidity With Controlled Bromate Formation to Successfully Recharge Groundwater

Scott Miller, APT Water

The State Of Source-Separation: Real-World Implementations, Real-World Benefits

Kim Nace, Brightwater Tools

Green Solutions for Landfill Leachate: Willow Plantations as Effluent Reduction Systems

Nic Leblanc, RAMO Group

Exhibit Hall Break

9:30–10:00 AM

Wednesday
1:00–3:00 PM

Technical Sessions 36–41

Session 36

**Contaminants of
Emerging Concern 2:
CEC Research Highlights**

Moderators:

Laura Marcolini,
Fuss & O'Neill
Ryan Buckley, NEIWPC

PFAS Fate in Engineered Systems

Paula Mouser, University of New Hampshire
Amy Polaczyk, VTDEC
Eamon Twohig, VTDEC
Steven LaRosa, Weston & Sampson

PFAS in Wastewater – From Research to Reality

Samir Mathur, CDM Smith

Photolytic Degradation of Psychoactive Drugs in Surface Water

Varsha Niroula, University of Massachusetts

Potential Microplastic Degradation by Comamonas Testosteroni in Water Systems – Bioremediation Opportunities and Limitations

Adam Kulaczkowski, CDM Smith

Session 37

**Watershed
Management 2:
Local Approaches to
Coastal Watershed
Management**

Moderators:

Sara Greenberg, GHD
Fiona Worsfold,
Brown and Caldwell

Protecting the Port: Flood Mitigation Strategies for the Working Waterfront in South Boston's Raymond L. Flynn Marine Park

Trevor Johnson, Arcadis

The 40-Year Plan: Orlean's Sixteen Steps to Sewer Implementation

Amy Hunter, AECOM
Tim Harrison, AECOM

Integrated Approaches to Reversing the Impacts of Nitrogen Eutrophication in Coastal Estuaries: Southeastern Massachusetts Case Studies

Anastasia Rudenko, GHD
Julia Khrakovsky, GHD

Innovative Septic Solutions: Reducing Groundwater Nutrients through Municipal Action

Renee Bourdeau, Geosyntec Consultants

Wednesday
1:00–3:00 PM

Technical Sessions 36–41

Session 38

**Collection Systems 4:
Genius is Making
Complex Ideas Simple,
Not Making Simple Ideas
Complex**

Moderators:

Andrew Reid,
New England
Environmental Equipment
Michael Davis,
Fuss & O'Neill

**Confronting the Complexities of Large-Diameter
Sewer Rehabilitation in a Highly Urbanized Setting**
Stefani Harrison, Stantec
Irene McSweeney, BWSC

Designing Around History and Ecology
Jeff Gregg, GHD

**Permanent Infrastructure for Temporary Bypassing –
Diverting Flow to Upgrade the MWRA's Hayes
Pump Station**

Nick Ellis, Hazen and Sawyer
Patty Mallett, MWRA

**Turning the Tide: Redesigning Flood Protections
During Construction**

Stephanie Salerno, Wright-Pierce
Andrew Smith, Wright-Pierce

Session 39

**Residuals & Biosolids 3:
Biosolids Management**

Moderators:

Justin Motta, Stantec
Prashanth Emmanuel,
Tighe & Bond

**A Statewide Crisis: Wastewater Sludge Management
in Massachusetts, Part 1**

Rachel Tenney, Tighe & Bond
Bill Brower, Brown and Caldwell
Christopher Bone, Tighe & Bond

**A Road Map for Navigating Biosolids Disposal
Challenges at SESD Through Application of Existing
and Emerging Technologies**

Nickolas Avila, AECOM
Mike Wilson, SESD
Peter Pommersheim, SESD
Terry Goss, AECOM

**3-Stage Anaerobic Digestion with Nitrate Recycle
Addresses Several Challenges**

Matthew Williams, Thermal Process Systems

**Fugitive Methane: A Risk for All Solids Handling
(Not Just Digestion)**

Bill Brower, Brown and Caldwell

Wednesday
1:00–3:00 PM

Technical Sessions 36–41

Session 40

**CSO/Wet Weather
Issues 2: Factors
Affecting and Improving
CSO Control**

Moderators:

Jason Kreil,
Woodard & Curran
Addison Minott, BWSC

**How to Factor Climate Change Impacts in Updated
CSO Control Plans**

Indrani Ghosh, Weston & Sampson
James Wilcox, City of Cambridge, MA
Rupsa Roy, Weston & Sampson

**A Stepwise Approach to Developing a Flood
Emergency Planning and Climate Adaptation
Program with Case Studies from Clayton County, GA
and Boston, MA**

Benjamin Agrawal, Hazen and Sawyer
Ann Houseman, Hazen and Sawyer

**Assessing Affordability on a Regional Scale –
MWRA's Experience with EPA's New Financial
Capability Assessment Guidance**

Aaron Weieneth, AECOM
Erika Casarano, AECOM
Jeremy Hall, MWRA

**Managing Smart for the Future: How Toronto Water
is Reducing CSOs with Phased Implementation
through Digital and Automation Technology**

Diana Qing Tao, Tetra Tech

Session 41

**Sustainability 2:
Climate Resiliency
and Sustainability in
Progress and in Practice**

Moderators:

Wayne Bates, Tighe & Bond
Maeve Carlson,
Wright-Pierce

**How to Optimize Water Infrastructure Planning and
Design with Decarbonization in Mind**

Deborah Ross, CDM Smith
Chris Campbell, CDM Smith
Rasha Maal-Bared, CDM Smith

**Achieving Envision Certification for Pumping Station
Rehabilitation Project**

Jake Oldenburger, Tetra Tech

Making Tenean Beach Climate Change Ready

Jason Hellendrung, Tetra Tech

**Planning for Climate Change at the Peirce Island
WWTF with Resilient Design**

Matt Doelp, AECOM
Christine Sproviero, City of Portsmouth, NH
Eric Weinrieb, Altus Engineering
Erik Meserve, AECOM

Student Poster Competition/ Now Accepting Abstracts

Undergraduate and graduate students participating in research or a class project on water pollution control, water quality, hazardous waste, or other environmental engineering topics are invited to submit an abstract for NEWEA's 2025 Student Poster Competition.

STUDENT POSTER COMPETITION

NEWEA's Student Activities Committee will be hosting a Poster Competition on Monday, January 27 from 9:00 AM – 3:30 PM, with a dedicated time for presenters to meet with judges. Cash Prizes will be awarded for best graduate and undergraduate posters.

Submit an abstract online to be considered to participate in the Student Poster Competition: <https://annualconference.newea.org/program/student-activities/student-poster-form/>

All submissions are due by December 6, 2024.



Tuesday
8:00 AM–4:30 PM

3rd Floor Exhibit Hall



Apply to be a Water Innovation Exhibitor

Early and growth stage companies with innovative solutions for the water industry are invited to apply for the opportunity to share their innovations at the Annual Conference. A limited number of startups will be selected to receive an exhibit space and two complimentary registrations for Tuesday at the Conference. Selected innovators will also be included in the Plenary Session program.

Apply by December 6:
<https://annualconference.newea.org/program/innovation-pavilion-2/innovation-pavilion-exhibit/>

NEWEA's Innovation Council Innovation Pavilion Exhibitors

NEWEA's Innovation Council is excited for Water Innovation Day on Tuesday, January 28 at the Annual Conference.

The full day of Innovation programming includes a Plenary Session featuring a panel on the future of water and pitches from innovators who developed technology to address the water industry's most pressing concerns; exhibits from some of the most promising start-ups in the region; and morning and afternoon technical sessions on water innovation.

NEWEA's Innovation Council brings together people who share a common passion for bringing solutions to market to address challenges and opportunities in water. Members represent all sectors of the water economy including utilities, consultants, private businesses, regulators, investors, and researchers from across the region and with national and international reach.

The goal of Innovation Day is to provide a forum for sharing new ideas, enabling innovators and researchers to get input from people on the front lines of providing clean water, and creating enduring connections to drive innovation in our region.

Thank you to our Water Innovation Partners:
Watts Water & Evoqua Water Technologies

Monday
8:00–8:30 AM

Annual Business Meeting

Respectfully submitted on
September 11, 2024, by
the NEWEA Nominating
Committee:

Virgil Lloyd, Chair
Frederick McNeill
Robert Fischer
Vanessa McPherson

All nominees have
indicated their willingness
to serve.

By vote of the Nominating Committee, I submit the following nominations in accordance with Article 9.3.1 of the NEWEA Constitution and Bylaws to the Executive Committee, for approval to place the slate of officers before the membership at the NEWEA Annual Business Meeting on January 27, 2025:

- Vice President – **Amy Anderson George**
- Treasurer – **Arthur Simonian**
(1st year - through January 2028)
- WEF Delegate – **Vanessa McPherson**
(through WEFTEC 2028)
- WEF Delegate – **Nick Ellis**
Completing Virgil Lloyd's term (through WEFTEC 2026)
- Council Director- Treatment, System Operations, & Management – **Eric Spargimino**
(1st year - through January 2028)
- Maine State Director – **Andre Brousseau**
(1st year - through January 2028)
- New Hampshire State Director – **Tracy Woods**
(1st year - through January 2028)
- Rhode Island State Director – **Laura Marcolini**
Completing Amy Anderson George's term
(2nd year - through January 2027)

In accordance with the provisions of Article 9.3.2 of the NEWEA Constitution & Bylaws, these Officers will advance to the following positions:

- President – **Deborah Mahoney**
- President-Elect – **Scott Firmin**
- Past President – **Scott Goodinson**

The remaining incumbents are fulfilling unexpired terms:

- WEF Delegate – **Janine Burke-Wells** (through WEFTEC 2025)
- WEF Delegate – **Emily Cole-Prescott** (through WEFTEC 2027)
- Council Director – Collection Systems/Water Resources – **Scott Lander** (3rd year - through January 2026)
- Council Director – Innovation – **Michael Murphy**
(3rd year - through January 2026)
- Massachusetts Director – **John Digiacomio**
(3rd year - through January 2026)
- Vermont State Director - **Jennie Auster**
(2nd year - through January 2027)

Sunday
10:00 AM–4:00 PM

Young Professionals Summit

*This event is intended for professionals who have less than five years of experience in the industry and are younger than 35 years old

The YP Summit Meme Contest is back! The YP Committee invites attendees to create and submit water-related memes to participate in this contest. All submissions will be shared on the overhead screen during the event and attendees will vote on their favorite. Send your memes to EMAIL: jplummer@neiwpc.org

The Young Professionals (YP) Committee is excited to announce the 2025 YP Summit.* The YP Summit brings together young and emerging professionals in the water industry to learn from industry leaders and network with peers from across New England.

The Committee has drafted an engaging program of panels, presentations, and networking sessions to help young professionals strengthen their leadership and technical skills and advance their water industry careers.

Below is a preliminary schedule, which is subject to change.

9:00 AM – 10:00 AM	Check In & Coffee/Muffins
10:00 AM – 10:15 AM	Welcome & Opening Remarks
10:30 AM – 11:15 AM	Speed Networking
11:30 AM – 12:15 PM	Career Panel
12:15 PM – 1:00 PM	Lunch
1:00 PM – 1:40 PM	YP Panel
1:40 PM – 2:20 PM	Technical Presentation 1 & 2
2:20 PM – 2:40 PM	Break
2:40 PM – 3:20 PM	Technical Presentation 3 & 4
3:20 PM – 3:25 PM	Mentor Recognition
3:25 PM – 3:35 PM	Meme Contest
3:35 PM – 3:55 PM	Water Trivia
3:55 PM – 4:00 PM	Closing Remarks

Following the completion of the program, attendees are invited to enjoy a reception, which will be attended by experienced water industry professionals and members of NEWEA and NEWWA's Executive Committees.

**NOTE: This event requires separate registration from the Annual Conference. Morning coffee/pastries and Lunch are included in registration.*

Hotel Information

Check-out time is Noon

Guest rooms will be available after 4:00 PM.

All rooms subject to 16.45% tax (subject to change).

Reservations must be made before **Friday, January 10, 2025** to ensure availability of accommodations and the special group rate.

Hotel and Room Reservation Information

Boston Marriott Copley Place Hotel
110 Huntington Avenue, Boston, MA 02116
617-236-5800

Rates: SINGLE—\$224, DOUBLE—\$244

For Reservations, call the Marriott at 617-236-5800 or 1-877-901-2079 (worldwide reservations). Please refer to the New England Water Environment Association to receive the group rate.

Reservations may also be made online at:

https://book.passkey.com/event/50810939/owner/249/home?utm_campaign=294250909



Presenters

PRESENTER	AFFILIATION	SESSION NO.
Zachary Adams	CDM Smith	33
Derek Adams	Town of Franklin, MA	22
Benjamin Agrawal	Hazen and Sawyer	40
Laith Alfaqih	Stantec	33
Alejandro Alvarez	MWRA	25
David Aucoin	NBC	30
Nickolas Avila	AECOM	39
Joshua Balentine	Brown and Caldwell	20
Jon Ball	City of Los Angeles, CA	19
Cynthia Baumann	CDM Smith	11
Nigel Beaton	CDM Smith	23
Christopher Bone	Tighe & Bond	39
Daniel Bourdeau	Geosyntec Consultants	11
Renee Bourdeau	Geosyntec Consultants	37
Carlos Bravo	The MDC	16
Bill Brower	Brown and Caldwell	39
Brian Brown	CDM Smith	12
Caitlyn Butler	University of Massachusetts	11
Abby Byrne	Wright-Pierce	7
Michael Camadeco	Woodard & Curran	1
Kevin Campanella	Burgess & Niple	19
Chris Campbell	CDM Smith	41
Erika Casarano	AECOM	7, 40
Biviana Cassanova	The MDC	16
Cynthia Castellon	Tighe & Bond	34
Patrick Castrogiovanni	Methuen Construction	25
Brendan Cavanaugh	Colorado Springs Utilities	15
Aaron Clausen	City of Lynn, MA	22
Christopher Cogan	Portland Water District	33
Emily Cole-Prescott	City of Saco, ME	13
Megan Coleman	JKMuir	21
Laura Collins	New England Environmental Finance Center	21
Patrick Compton	F.R. Mahony & Associates	14
Leslie Corcelli	EPA	30
Jim Courchaine	Hazen and Sawyer	27
Alissa Cox	University of Rhode Island	13, 16
Gregory Coyle	Brown and Caldwell	26
Scott Craig	CDM Smith	12
Sarita Croce	NEIWPCC	30
Nelson da Luz	University of Massachusetts	26
Rina Dalal	CDM Smith	21
Katie Deheer	Trinnex	6
Anthony Dello-Iacano	BWSC	27
Douglas Dietzel	City of Lorain, OH	33

PRESENTER	AFFILIATION	SESSION NO.
Matt Doelp.....	AECOM.....	41
Paul Dombrowski	Woodard & Curran.....	15, 16, 23
Alexandra Doody.....	CDM Smith.....	23
John Downey	Veolia.....	15
Tatyana Dudiac	CDM Smith.....	1
Justin Durant	Wright-Pierce.....	32
Zachary Eichenwald	CDM Smith.....	5
Nick Ellis.....	Hazen and Sawyer.....	38
Paul Ferland.....	City of Fall River, MA	5
Joe Flores.....	CISA.....	3
Eric Fontenot	Brown and Caldwell	7
Joshua Ford.....	PipeAid	19
Olivier Fradet.....	Tetra Tech.....	6
Steven Frederick	SWSC	32
Peter Garvey.....	Dewberry.....	30
Maria George.....	Environmental Partners	22
Indrani Ghosh.....	Weston & Sampson	5, 21, 40
Rychel Gibson	Wright-Pierce.....	27
Andrew Goldberg.....	Brown and Caldwell	6
Terry Goss	AECOM	4, 39
David Graham	Stantec.....	20
Allie Greenfield	Woodard & Curran.....	15, 16
Jeff Gregg	GHD	38
Andrew Grota	Environmental Partners	25
Susan Guswa.....	Woodard & Curran.....	16, 32
Thomas Guthlein	RIEMA.....	30
James Hale	Stantec.....	33
Jeremy Hall.....	MWRA.....	40
Bridget Harper	Tetra Tech.....	19
Tim Harrison	AECOM.....	37
Stefani Harrison.....	Stantec.....	38
Jason Hellendrung.....	Tetra Tech.....	41
Zach Henderson.....	Woodard & Curran.....	5
Ryan Henley	Weston & Sampson	1
Brian Hilts	CDM Smith.....	10
Jason Hofmann.....	Fuss & O'Neill	14
Gilson Hogan.....	Kleinfelder.....	32
Scott Horsley.....	Horsley Consulting	14
Ann Houseman	Hazen and Sawyer.....	40
Eoin Howlett	Trinnex.....	19
Stephanie Hubbard.....	Kleinfelder.....	32
RaeAnna Hughes	City of Lynn, MA.....	11, 22
Amy Hunter.....	AECOM.....	1, 17
Jose Infante Corona	Kleinfelder.....	32
Sarah Jakositz	CDM Smith.....	28
Charlie Jewel.....	BWSC	11
Trevor Johnson	Arcadis.....	37

PRESENTER	AFFILIATION	SESSION NO.
Joel Jones	Portland Water District	32
Amit Kaldate	Tomorrow Water	34
Evan Kane	Portland Water District	33
Ziad Kary	Environmental Partners	25
Audrey Karl	CDM Smith	20
Julia Keay	Geosyntec Consultants	31
Annaliese Keimel	VHB	31
Eric Kelley	Environmental Partners	22
Landon Kendricks	Black & Veatch	27
Shervin Khzaeli	Trinnex	6
Julia Khrakovsky	GHD	14, 37
Daniel King	CISA	3
Jeffrey King	The MDC	16
Bernadette Kolb	CDM Smith	5
Kevin Krawiec	Corrosion Probe	25
Adam Kulaczkowski	CDM Smith	36
Kelly Landry	Hazen and Sawyer	17
Steven LaRosa	Weston & Sampson	36
Chuck Larson	Town of Nantucket, MA	13
Shawn Lavoie	CDM Smith	1
Amy LeBel	Woodard & Curran	16
Nic Leblanc	RAMO Group	35
David Lemay	Town of Whitman, MA	25
Alan Levy	Arcadis	26
Jennifer Lichtensteiger	NEIWPCC	4
Matthew Lick	CDM Smith	3
Vern Lincoln	Environmental Partners	11
Roman Lis	Stantec	20
Henrietta Locklear	Raftelis	27
Kerri Lopes	Massachusetts DOC	23
Chris Lorrain	LandTech Consultants	6
Tom Loto	AECOM	1
Kathryne Lovell	Woodard & Curran	2
Rasha Maal-Bared	CDM Smith	12, 41
Patty Mallett	MWRA	38
Louis Mammolette	Dewberry	12
Dayton Marchese	OptiRTC	22
Doug Martin	Town of Franklin, MA	33
Samir Mathur	CDM Smith	36
Francesca McCann	Black & Veatch	30
William McConnell	CDM Smith	10
Dillon McCormick	Brown and Caldwell	6
Fred McNeill	City of Manchester, NH	7
Irene McSweeney	BWSC	38
Erik Meserve	AECOM	41
Scott Miller	APT Water	35
Andrew Miller	CDM Smith	13

PRESENTER	AFFILIATION	SESSION NO.
Sean Mitchell	Arcadis	25
Marc Moccio	Wright-Pierce	34
Quinn Moss	Xylem	19
Justin Motta	Stantec	20
Paul Moulton	AECOM	12
Angela Moulton	CDM Smith	28
Paula Mouser	University of New Hampshire	36
Amy Mueller	Northeastern University	11
Gerald Mullaney	Schneider Electric	26
Kim Nace	Brightwater Tools	35
Jeff Neal	Town of Ipswich, MA	34
Maureen Neville	Woodard & Curran	15, 16, 32
Varsha Niroula	University of Massachusetts	36
Matthew Nolen-Parkhouse	Veolia	32
Colin O'Brien	Brown and Caldwell	7, 34
Jake Oldenburger	Tetra Tech	41
Greg Parks	Woodard & Curran	32
Jaimie Payne	Bartlett & West	9
Philip Pedros	Mott MacDonald	4
Luicano Petruziello	BWSC	27
Amy Polaczyk	VTDEC	36
Natalie Pommersheim	Environmental Partners	11
Peter Pommersheim	SESD	39
Richard Pope	Hazen and Sawyer	13
Diana Qing Tao	Tetra Tech	40
Carly Quinn	Woodard & Curran	22, 31
Patrick Radabaugh	Dewberry	15
Rajan Ray	Trinnex	6
Mark Ready	Massachusetts DOC	23
Matt Reeve	Veolia	10
Matthew Ribeiro	AECOM	25
Thomas Robbins	The MDC	12
Paul Rodriguez	ECT2	17
Daniel Roop	Tighe & Bond	34
Marisa Rorabaugh	City of South Burlington, VT	31
Justin Rosenberg	AECOM	1
Deborah Ross	CDM Smith	41
Rupsa Roy	Weston & Sampson	21, 40
Anastasia Rudenko	GHD	37
Fabrizio Sabba	Black & Veatch	10, 17, 23
Stephanie Salerno	Wright-Pierce	38
Zoe Schmitt	CDM Smith	5
Hannah Schulz	Woodard & Curran	16
Bob Schwarm	The MDC	3
Len Sekuler	Arcadis	33
Todd Shafer	Dewberry	15

PRESENTER	AFFILIATION	SESSION NO.
John Sheets	CDM Smith	12
Chloe Shields	University of Maine	21
Arthur Simonian	Mattabassett District.....	15
Alex Simpson.....	Weston & Sampson	22
Andrew Smith	Wright-Pierce.....	38
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Moderators

SESSION	MODERATOR	AFFILIATION
1.....	Paul Millett.....	Environmental Partners
1.....	Tom Loto.....	AECOM
2.....	Sarah Viola.....	Wright-Pierce
2.....	Ryan Morais.....	Fuss & O'Neill
3.....	Kevin Garvey.....	Wright-Pierce
3.....	Brian Olsen.....	Carlsen Systems
4.....	Vanessa Borkowski.....	Stantec
4.....	April Sargeant.....	RMI
5.....	Julie Sullivan.....	MWRA
5.....	Sarah Nalven.....	VHB
6.....	Dan Capano.....	Gannett Fleming
6.....	Sharon Nall.....	NHDES
7.....	Keith Gardner.....	Stantec
7.....	James Drake.....	CDM Smith
8.....	Jeff McBurnie.....	Casella Resource Solutions
8.....	Jeff Lemay.....	Town of South Windsor, CT
9.....	Andrew Elderbrock.....	Arcadis
9.....	Fiona Worsfold.....	Brown and Caldwell
10.....	Amanda Sparks.....	Woodard & Curran
10.....	Allie Greenfield.....	Woodard & Curran
11.....	Vonnie Reis.....	City of Melrose, MA
11.....	Joe Kietner.....	City of Westfield, MA
12.....	Brendan Doyle.....	BLD Services
12.....	Brad Hayes.....	Woodard & Curran
13.....	Denise Descheneau.....	Upper Blackstone Clean Water
13.....	Adam Yanulis.....	Tighe & Bond
14.....	Dennis Hallahan.....	Infiltrator Water Technologies
14.....	Chris Hayward.....	Pare Corporation
15.....	Caleb Shen.....	Thompson Pipe Group
15.....	Ben Levin.....	Hazen and Sawyer
16.....	Bill Boornazian.....	City of Portland, ME
16.....	James Plummer.....	NEIWPPC
17.....	Amy Hunter.....	AECOM
17.....	Meghan Otis.....	Wright-Pierce
18.....	Zach Henderson.....	Woodard & Curran
18.....	Natalie Pommersheim.....	Environmental Partners
19.....	Chi Ho Sham.....	NEWEA Innovation Committee
19.....	Viktor Hlas.....	OptiRTC
20.....	Sara White.....	UniFirst Corporation
20.....	Matthew Dickson.....	Haley Ward

SESSION	MODERATOR	AFFILIATION
21.....	Maeve Carlson.....	Wright-Pierce
21.....	Meredith Zona.....	Stantec
22.....	Mary Tchamkina.....	Raftelis
22.....	Sadia Khan.....	Kleinfelder
23.....	Sarah Viola.....	Wright-Pierce
23.....	Nick Tooker.....	University of Massachusetts
24.....	Vanessa Borkowski.....	Stantec
24.....	Eric Spargimino.....	CDM Smith
25.....	Dan Kramer.....	Hazen and Sawyer
25.....	Adam Moskal.....	Woodard & Curran
26.....	Chi Ho Sham.....	NEWEA Innovation Committee
26.....	Viktor Hlas.....	OptiRTC
27.....	Don Gallucci.....	Wright-Pierce
27.....	Karla Sangrey.....	Upper Blackstone Clean Water
28.....	Stephen King.....	Town of Danvers, MA
29.....	Danielle Gallant.....	CDM Smith
29.....	Kerry Reed.....	Town of Hopkinton, MA
30.....	Adam Higgins.....	Wright-Pierce
30.....	Jeff McBurnie.....	Casella
31.....	Eric Kelley.....	Environmental Partners
31.....	Maria Rose.....	Town of Brookline, MA
32.....	Emily Korot.....	CDM Smith
32.....	Uday Karra.....	Arcadis
33.....	Georgine Grissop.....	CDM Smith
33.....	Kate Roosa.....	Environmental Partners
34.....	David Michelsen.....	SESD
34.....	Tracy Chouinard.....	Brown and Caldwell
35.....	Dennis Greene.....	NHDES
35.....	Meredith Zona.....	Stantec
36.....	Laura Marcolini.....	Fuss & O'Neill
36.....	Ryan Buckley.....	NEIWPC
37.....	Sara Greenberg.....	GHD
37.....	Fiona Worsfold.....	Brown and Caldwell
38.....	Andrew Reid.....	New England Environmental Equipment
38.....	Michael Davis.....	Fuss & O'Neill
39.....	Justin Motta.....	Stantec
39.....	Prashanth Emmanuel.....	Tighe & Bond
40.....	Jason Kreil.....	Woodard & Curran
40.....	Addison Minott.....	BWSC
41.....	Wayne Bates.....	Tighe & Bond
41.....	Maeve Carlson.....	Wright-Pierce

Exhibitors

ABBA Pump Parts and Service

ADS Environmental Services

Aqua Solutions, Inc.

AquaPoint

Asahi/America, Inc.

Atlantic Fluid Technology Inc.

Barton & Loguidice

BAU/Hopkins

BioSafe Systems

BMC CORP

Boyson and Associates, LLC

Brown and Caldwell

C.N. Wood Enviro, LLC

CALUWE, Inc.

Carl Lueders & Company

Carlsen Systems, LLC

Casella Organics

Champlin Associates

CleanWay Environmental Partners, Inc.

Core & Main

Core & Main Water & Wastewater Supply

Corrosion Products New England

Coyne Chemical Environmental Services

CSI Controls & Primex Controls

CUES, Inc.

Delta Electro Power, LLC

Denali Water Solutions

Dewberry

DUKE'S

EJ-USA

EOSi (Environmental Operating Solutions, Inc.)

EST Associates, Inc.

F.R. Mahony & Associates

Flow Assessment Services

Flow Tech, Inc.

GA Fleet - Fleet Pump & Service

Geotree Solutions

Green Mountain Pipeline Services LLC / Insituform

Hach Company

Hayes Group - Hayes Pump, Inc. - Walker Wellington - Atlantic Pump & Engineering

Hazen and Sawyer

Hobas Pipe USA, Inc.

Holland Company, Inc.

IDEXX Laboratories, Inc.

Industrial Flow Solutions

J&R Sales and Service, Inc.

JWB Company

Kimley-Horn and Associates, Inc.

Kleinfelder

LandTech Consultants, Inc.

M.A. Selmon Company

Maltz Sales Company

Mass Tank

Mechanical Solutions, Inc.

Metro Valve & Actuation

minicam

Exhibitors

National Water Main Cleaning Co.

New England Environmental
Equipment, Inc.

Oakson

Omya, Inc.

Orenco Water

PipeAid

Polydyne, Inc.

Precision Trenchless, LLC

Pump Systems, Inc.

Resource Management, Inc.

RI Analytical Laboratories, Inc.

Russell Resources, Inc.

Savy & Sons

Scavin Equipment Co., LLC

Schneider Electric

Sealing Systems, Inc.

SewerAI

StormTrap

Sullivan Associates / RITEC
Environmental

Synagro Northeast, LLC

Technology Sales

The Maher Corporation

Ti-SALES

Truax Corporation

United Concrete Products, Inc.

USABlueBook

VEGA Americas

Veolia

Vortex

Walker Wellington, A Hayes Pump
Company

Wescor Associates, Inc.

Williamson Pump & Motor

Xylem / Flygt

List as of 10/4/24

NEWEA
2025
Annual
Conference
& Exhibit
January
26–29

BOSTON MARRIOTT
COPLEY PLACE
BOSTON, MA

NEWEA

10 Tower Office Park,
Suite 601
Woburn, MA 01801
tel: 781-939-0908
fax: 781-939-0907
mail@newea.org
newea.org

New England Water Environment Association - Annual Conference & Exhibit
January 26–29, 2025 | Boston Marriott Copley Place Hotel



NEWEA

ATTENDEE REGISTRATION RATES

BEST RATE DEADLINE: FRIDAY, JANUARY 3, 2025

CONFERENCE REGISTRATION/PRICING		BEST RATE		STANDARD RATE	
		before January 3		after January 3	
Full Conference Registration (select one below)		Member	Non Member	Member	Non Member
<input type="checkbox"/> Full Conference		\$520	\$750*	\$630	\$855*
<input type="checkbox"/> Academic/PWO/Young Professional (must have valid membership)		\$375	n/a	\$475	n/a
<input type="checkbox"/> NEWEA Regulatory Agency**		\$120	\$180	\$170	\$230
<input type="checkbox"/> WEF Retired/Life		\$25	\$25	\$5	\$25
One-Day Registration (select day you will attend)		Member	Non Member	Member	Non Member
<input type="checkbox"/> Single Day Attendee	<input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed	\$299	\$375	\$350	\$395
<input type="checkbox"/> Academic/PWO/Young Professional	<input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed	\$199	n/a	\$260	n/a
<input type="checkbox"/> NEWEA Regulatory Agency**	<input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed	\$40	\$90	\$60	\$100
<input type="checkbox"/> WEF Retired/Life or Student (w/ID)	<input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed	\$0	\$0	\$0	\$0
<input type="checkbox"/> Public Agency - Exhibit Hall Only	<input type="checkbox"/> Mon <input type="checkbox"/> Tues <input type="checkbox"/> Wed	\$25	\$25	\$25	\$25
Speaker: Speakers receive a \$40 discount on registration fees (regulatory speakers are not eligible)					

*Includes one-year NEWEA/WEF membership.

**Must be employed at a Regulatory Agency: USEPA; CT DEEP; ME DEP; MA DEP; NH DES; RI DEM; VT DEC

SPECIAL EVENT TICKETS	BEST RATE	STANDARD
Young Professional Summit - Sunday, January 26th; 10AM-4PM	\$125	\$165
Guest/Spouse Package (incl. president/exhibit hall receptions)	\$100	\$135
5S Annual Meeting & Luncheon - Monday, January 27th; 12-2PM	\$55 (5S Members only)	\$85 (5S Members only)
Awards Luncheon & Ceremony - Wednesday, January 29th; 11AM-2PM	\$65	\$95

REGISTRATION INFORMATION

[REGISTER ONLINE >>](#) BEST RATE DEADLINE: FRIDAY, JANUARY 3, 2025

All attendees are required to set up a verified account online. After your account is verified, you will be brought back to the registration page. Click Registration to Individual Registration or Group Registration. If you have any issues or questions, please contact mail@newea.org

QUESTIONS? Call the NEWEA office at 781-939-0908 or contact us at mail@newea.org.

CANCELLATIONS: Must be submitted in WRITING by Friday, January 3, 2025. A 25% service fee will apply to all cancellations received before January 3; no refunds will be made on registration fees or special events after Friday, January 3. Due to Association agreements and guarantees, no refunds will be made on registration fees or special event tickets after Friday, January 3. Registration fees are forfeited if you are not able to attend the Conference.

New England Water Environment Association - Annual Conference & Exhibit
January 26–29, 2025 | Boston Marriott Copley Place Hotel



REGISTRATION INFORMATION

ONLINE: www.annualconference.newea.org
EMAIL: mail@newea.org **PHONE:** 781-939-0908
MAIL: NEWEA, 10 Tower Office Pk Suite 601
 Woburn, MA 01801 **FAX:** 781-939-0907
 Make checks payable to NEWEA

PWO: Professional Wastewater Operator (PWO); you must be a NEWEA/WEF PWO Member AND work on a day-to-day basis in a treatment plant, and are responsible for the operation of wastewater collection, treatment and/or laboratory.

LIFE/RETIRED: To qualify, requires a life or retired membership in NEWEA/WEF.

REGULATORY AGENCY: To qualify, you must have a NEWEA regulatory membership and be employed by either USEPA, CT DEEP, ME DEP, MA DEP, NH DES, RI DEM, or VT DEC.

PUBLIC AGENCY: To qualify, you must be employed by a federal, state or municipal agency (i.e. USEPA, MassDEP, etc.). Includes entrance only to Exhibit Hall Only & Opening Session. Not eligible for TCH credits.

CANCELLATIONS: Must be submitted in WRITING by Friday, January 5, 2024. A 25% service fee will apply to all cancellations received before January 5; no refunds will be made on registration fees or special events after Friday, January 5. Due to Association agreements and guarantees, fees are forfeited if you are not able to attend the Conference.

CONFIRMATIONS: Confirmations of receipt of registrations will be emailed prior to the conference.

TAX DEDUCTION: Treasury regulation 1.162-5 permits an income tax deduction for educational expenses (registration fee, cost of travel, meals and lodging) undertaken to maintain or improve skills required

IMPORTANT INFORMATION

BEST RATE DEADLINE: Friday, January 3, 2025.
 Registrations postmarked after Friday, January 3, 2025 will automatically be charged the onsite registration rate.

MEMBERSHIP STATUS: NEWEA Membership must be current or the non-member rate will automatically be charged. Contact NEWEA at mail@newea.org to verify membership, renew/JOIN!
 Membership is NOT transferrable.

CONFERENCE EVENTS

Sunday, January 26, 2025
 10:00 AM–4:00 PM YP Summit - 4th Floor

Monday, January 27, 2025
 10:30 AM–6:30 PM Exhibits - 3rd and 4th Floor
 8:30 AM–10:30 AM Technical Sessions 1–7
 11:00 AM–12:00 PM Opening Session
 2:00–4:30 PM Technical Sessions 8–14
 4:30–6:30 PM Welcome Reception (3rd fl)

Tuesday, January 28, 2025
 8:00 AM–6:30 PM Exhibits - 3rd and 4th floor
 8:00 AM–4:00 PM Innovation Exhibit Pavillion
 8:30–11:00 AM Technical Sessions 15–21
 11:00 AM–12:15 PM Tuesday Keynote Session
 2:00–4:30 PM Technical Sessions 22–28
 4:30–6:30 PM Meet/Greet Reception (4th fl)

Wednesday, January 29, 2025
 8:00 AM–1:00 PM Exhibits - 3rd and 4th floor
 8:30–11:00 AM Technical Sessions 29-35
 11:00-1:00PM Awards Luncheon Ceremony
 1:00-3:00 PM Technical Sessions 36-41

IMPORTANT: The safety and welfare of attendees are a priority. All NEWEA is requiring all event participants to read and sign an risk and waiver of liability release. Individuals who test positive for COVID or fell unwell should not attend NEWEA's Annual Conference.

Visit https://www.newea.org/events/health_safety/ for more information.

HOTEL INFORMATION

Boston Marriott Copley Place
 110 Huntington Avenue, Boston, MA 02116

Accommodation Rate: \$224++ (single)
Group Rate Deadline: Friday, January 10, 2025.
 Reserve Online: https://book.passkey.com/event/50810939/owner/249/home?utm_campaign=294250909 or Call the Marriott at 617-236-5800 or toll free at 888-236-2427. Group rates are subject to date and space availability

WHAT'S INCLUDED IN YOUR REGISTRATION?	Technical Session	Exhibit Hall	Monday Reception	Tuesday Reception	Wednesday Exhibit Brunch	Wednesday Award Lunch*
Full Conference	✓	✓	✓	✓	✓	
One Day	✓	✓	✓	✓	✓	
Life/Retired Members & Students	✓	✓	✓	✓	✓	
Public Agency		✓				

*additional tickets may be purchased separately.

ONE DAY REGISTRANTS: Monday, Tuesday Reception and Wednesday Brunch are limited to the day you are registered for.