New England Water Environment Association Presents:

**NEWEA 2017 Spring Meeting & Exhibit**

June 4 – 7, 2017

Sea Crest Beach Hotel
North Falmouth, Massachusetts

Conference Sponsors

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New England Water Environment Association Presents:

**NEWEA 2017 Spring Meeting & Exhibit**

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Sea Crest Beach Hotel
North Falmouth, Massachusetts
Catch GHD @ NEWEA

As we speak about comprehensive water stewardship and its positive outcomes for a community’s overall quality of life

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Pipe Supports
- Stainless: non-corrosive
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- Prevent cavitation
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- PVP pumps can run dry indefinitely without damage.
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When pollution comes out, we can all go in!

As New Englanders, we love our days on the water. Sanitary sewage handling systems recycle wastewater from our homes and businesses to help keep our waterways enjoyable. Boston’s Deer Island facility, the second largest of its kind in the U.S., can process over 1 billion gallons of wastewater daily. But did you know that water from our stormwater drain systems usually flows directly back into the local water environment? You can help by keeping storm drains free from trash, debris and common household chemicals. Learn more about how water infrastructure systems work from John Sullivan, Chief Engineer at Boston Water and Sewer Commission, at newea.org

Water for all.
Water for life.

Conference Events

Sunday, June 4
- Registration (Nauset Conference Center) 1:00–4:00 PM
- Executive Committee Meeting (Nauset 1 & 2) 1:00–4:00 PM

Monday, June 5
- Registration (Nauset Conference Center) 7:30 AM–1:00 PM
- Speakers’ Breakfast (Highland) 7:30–8:30 AM
- Breakfast & General Opening Session (Nauset Conference Center) 8:00–9:00 AM
  - Moderator: Helen Gordon, NEWEA Program Committee Chair, Woodard & Curran
  - Welcome: Jim Barsanti, NEWEA President, Town of Framingham, MA
  - Congressman Bill Keating, U.S. Representative, 9th District of Massachusetts (invited)
  - Featured Speaker – Cynthia Wigren, Atlantic White Shark Conservancy

Our ocean’s ecosystem is all connected...from the tiniest zooplankton to the largest apex predator. White sharks are an asset to our marine environment. As apex predators, they play a critical role in maintaining the health of our ocean’s ecosystem. As white shark and other shark species disappear, predator-prey balance becomes disrupted, compromising the health of the world’s oceans and negatively impacting other marine species.

As the majority of the oxygen humans breathe comes from the oceans, our own health becomes imperiled when our oceans are unhealthy. Their presence along the coast of Cape Cod indicates the restoration of a healthy ecosystem. Removal of a top-level predator can cause a 'top down' effect on organisms lower in the food webs. If this happens, the ocean ecology changes and all species will be impacted.
Cynthia Wigren, Executive Director of the Atlantic White Shark Conservancy, holds a BS in Wildlife Management from University of New Hampshire and MBA from Southern New Hampshire University. Prior to starting AWSC, Cynthia spent twelve years working for online trading companies in the energy industry, with a focus on project management and strategic planning.

Cynthia is an avid traveler and a scuba diver with a deep appreciation for wildlife on land and sea. Cynthia will share her underwater experiences with whale sharks, great hammerheads, nurse sharks, and great white sharks, that led her to leave the corporate world and establish Atlantic White Shark Conservancy to support shark research and conservation.

**Monday, June 5 (continued)**

Exhibit Area Open (Nauset Conference Center).................................7:30 AM—7:30 PM

**TECHNICAL SESSIONS 1 & 2**

9:15—11:45 AM

Break 10:45—11:15 AM

**WATERSHED: PLANNING, RESTORATION AND CONTAMINANT IMPACTS**

**SESSION 1**

Chatham

**Moderators:** Sara Greenberg, GHD

Jennifer Johnson, Nitsch Company

**Massachusetts Watershed-Based Plans—A New Web-Based Tool for Statewide Watershed Planning**

– Robert Hartzel, Geosyntec Consultants

**A Worrisome Watershed—The Journey to Restore the Iconic Three Bays Estuary**

– Zenas “Zee” Crocker, Three Bays Preservation, Inc., & Barnstable Clean Water Trust

**Surface Water Nutrient Impacts—Why So Variable?**

– Andrew Thuman, HDR

– Richard Isleib, HDR

– Thomas Gallagher, HDR

– Cristhian Mancilla, HDR

**Pharmaceuticals and PFASs In Coastal Estuaries on Cape Cod Impacted by Septic Systems**

– Laurel Schaider, Silent Spring Institute; Amy Costa, Center for Coastal Studies

– Patrick Phillips, Dana Kolpin, Edward Furlong, David Alvarez

U.S. Geological Survey

– Rainer Lohmann, University of Rhode Island

**STORMWATER 1: COASTAL RESILIENCE AND FLOOD MITIGATION**

**SESSION 2**

Race Point

**Moderators:** Jennifer Doyle-Breen, AECOM

Jerry Potamis, Town of Falmouth, MA (retired)

**Developing a Consensus-based Coastal Resiliency Strategy in Brewster, MA**

– Geraldine Camilli, Horsley Witten Group

– Mark Nelson, Horsley Witten Group

– Chris Miller, Town of Brewster, MA Natural Resources Department

**Increasing the Coastal Resilience of Vulnerable Wastewater Infrastructure on Cape Cod and the Islands—Two Case Studies**

– Anastasia Rudenko, GHD

– Marc Drainville, GHD

– Guy Campinha, Town of Wareham, MA

**Monday, June 5 (continued)**

Assessing the Water Quality Impacts in a Tidal Embayment from the Closure of Proposed Tidal Barriers during 1-in-10-year and 1-in-25-year Rainfall Events

– Richard Isleib, HDR

– James Fitzpatrick HDR

– Nicholas Kim, HDR

**Looking Beyond the Levee: Nonstructural Flood Mitigation Alternatives**

– Cynthia Baumann, CDM Smith

– James Michel, Town of Greenwich, CT

Lunch Break (on own) ...........................................................................11:45 PM

**TECHNICAL SESSION 3**

1:00 – 3:30 PM

Break 2:00–2:30 PM

**STORMWATER 2: EMERGING TOOLS FOR STORMWATER MANAGEMENT AND RESILIENCY**

**SESSION 3**

Race Point

**Moderators:** Russell Parkman, Ramboll Environ

James Drake, CDM Smith

**Porous Pavement Where? A Green Infrastructure Success Story in an Unlikely Place**

– Scott Turner, Nitsch Engineering, Inc.

– Andrea Braga, Geosyntec Consultants

**Designing Dispersed, Small-Scale Green Infrastructure Systems for Stormwater Management in Dense Urban Residential Streets of Cambridge, MA**

– Katie Friedman, Charles River Watershed Association

– Julie Wood, Charles River Watershed Association

**Emerging Tools for Communication of Climate Change Impacts Towards Improved Resiliency**

– David Roman, Geosyntec Consultants

– Andrea Braga, Geosyntec Consultants

**Soaking Up the Rain in Our Backyards—Challenges of Achieving Water Quality Goals in A Suburban Community**

– Elisabeth Cianciola, Charles River Watershed Association

– Pallavi Mande, Charles River Watershed Association

– Kate Sjoberg, Town of Franklin, MA

– Shawn Mayers, groundSwell Designs

Spring Meeting Welcome Reception (Exhibit Area)...............................6:00–7:30 PM

Select Society of Sanitary Sludge Shovelers (5S) Induction Ceremony ... 7:15 PM

During the Monday evening reception, Influent Integrator Charles W. Tyler will induct nine new members into the Select Society of Sanitary Sludge Shovelers: Amy Anderson, ARCADIS; Chuck Applebee, Water Quality & Compliance Service; Kate Biedron, CDM Smith; Mike Bisi, Town of Glastonbury, CT; Paul P. Casey, Flow Assessment Services; Geri Ciardelli, City of Nashua, NH; Bob Fischer, City of South Burlington, VT; Peter Goodwin, Ted Berry Company; and Ginny Roach, CDM Smith
Tuesday, June 6

Morning Bike Ride (meet in lobby)................................................................. 7:00 AM
Coordinators: Jennifer Lachmayr, ARCADIS, Adam Yanulis, Tighe & Bond
Join the NEWEA cyclists for an informal morning bike ride to start the day off
right. The pace is moderate but not competitive and all are welcome. No fee to
participate.

Registration (Nauset Conference Center).................................................... 7:30 AM–5:00 PM

Speakers’ Breakfast (Reds)........................................................................ 7:30–8:30 AM

Presidents’ Breakfast (Ocean View Room by invitation only)....................... 8:00–9:00 AM

Exhibit Area Open (Nauset Conference Center)........................................... 8:00 AM–5:00 PM

Operations Challenge Event (Nauset Conference Center)......................... 9:00 AM–4:00 PM
Winning teams from New England will represent NEWEA in the WEF national event
to be held in Chicago in October.

TECHNICAL SESSIONS 4 & 5
9:00 – 11:30 AM
Break 10:00 – 10:30 AM

PUBLIC EDUCATION:
PUBLIC ENGAGEMENT FOR A SUSTAINABLE FUTURE
Chatham
Moderators: Ken Carlson, Woodard & Curran
Amy Anderson, ARCADIS

The Public Aspect of Private Inflow Removal—The Development and
Implementation of a Private Inflow Removal Program
– Marina Fernandes, CDM Smith
– Nicholas Rystrom, City of Revere, MA
– Kara Johnston, CDM Smith

Get Inspired on How to Grow Awareness Among the Public and Decision
Makers About the Value of Water (An Interactive Presentation on the Value of
Water Tool Kit)
– Katelyn Biedron, CDM Smith
– Geraldine Ciardelli, City of Nashua, NH

NPDES Permit Delegation for Massachusetts—Is It the Right Move or the Right
Time?
– Paul Hogan, Woodard & Curran

Community Resiliency Assessments: A New Application for Climate Change Risk
Management Developed for the Hunts Point Neighborhood in the Bronx, New
York City
– Werner Mueller, HDR
– Louise Yeung, NYC Economic Development Corporation
– Jessica Colon, NYC Mayor’s Office of Resiliency and Recovery

Tuesday, June 6 (continued)

COLLECTION SYSTEMS 1: REHABILITATION AND TECHNOLOGY
SESSION 5
Race Point

Interceptor Sewer Rehabilitation in Rockland County, New York
– Tom Perry, Multi Utilities Ventures

The City of Nashua Decreases CSOs with Trenchless Rehabilitation and Green
Infrastructure
– Nick Ellis, Hazen and Sawyer
– Joe Mandola, City of Nashua, NH

The Big Data Behind the Flush—How the City of Portland, ME Collects, Manages
and Analyzes Their Wastewater Collection System Asset Data
– Jessica Gooch, City of Portland, ME

A Mobile App to Evaluate and Categorize Maintenance for Residential Sewer
Grinder Pumps
– Michael Vosnakis, Town of Chelmsford, MA
– Aileen Murphy, Weston & Sampson
– Henry Albro, F.R. Mahony & Associates

Buffet Lunch in the Exhibit Area................................................................. 11:30 AM–1:30 PM

Facility Tour—Woods Hole Oceanographic Institute.................................. 1:30–4:00 PM
(see page 18 for complete tour details)

TECHNICAL SESSION 6
1:30 – 4:00 PM
Break 2:30 – 3:00 PM

COLLECTION SYSTEMS 2: RESPONDING TO
COASTAL AND ODOR CONTROL CHALLENGES
SESSION 6
Race Point

Falmouth Case Study: Traditional Engineering Solutions Become the
Cornerstone of Adaptive Management Strategy
– Sandra Tripp, GHD
– Amy Lowell, Town of Falmouth, MA DPW

Impacts and Identification of Tidal Intrusion Sources in Manchester-by-the-Sea’s
Wastewater Collection System
– Steve Landry, Tata & Howard
– James Hoyt, Tata & Howard
– Allison Shivers, Tata & Howard

Variations in Hydrogen Sulfide Concentrations in a Wastewater Pumping Station
With An Odor Control System
– Mohamed Hamoda, Kuwait University

An Economical, Low-Impact Wastewater Collection System
– Garry-Lee Espinosa, Orenco Systems

Operations Challenge Wrap-up and Awards Presentation....................... 4:00–5:00 PM
(Exhibit Area)

NEWEA Reception and Dinner................................................................. 6:30–10:00 PM
(Courtyard/Oceanview)
Wednesday, June 7
Registration and Continental Breakfast ................................................. 8:30–9:00 AM
(Nauset Conference Center)

TECHNICAL SESSION 7 9:00 – 11:30
Break/Checkout 10:00 – 10:30 AM

SUSTAINABILITY AND ENERGY—
FROM BIOGAS REUSE TO PUMP EFFICIENCY
Moderators: Jessica Dzvonkoski, JK Muir, LLC
Nick Ellis, Hazen and Sawyer

Biogas Reuse and Nutrient Removal from Anaerobic Centrate via Microalgal
Assimilation
– Jackie Zhang, University of Massachusetts Lowell
– Dingnan Lu, University of Massachusetts Lowell

Hidden Threats—Inefficiencies and Vulnerabilities in Anaerobic Digestion (AD)
and Combined Heat & Power (CHP) Systems
– Matthew Williams, WesTech Engineering, Inc.
– Brian Mitchell, WesTech Engineering, Inc.
– Rachelle Tippetts, WesTech Engineering, Inc.

Resilience, Water, and Tools
– Andrew Bennett, Perkins+Will
– Roya Rezaee, Perkins+Will
– Mark Smith, The Nature Conservancy

Pump Efficiency and System Optimization
– Benjamin Stevens, A.W. Chesterton Company

Box Lunch ................................................................. 11:30 AM

Presenters

PRESENTER AFFILIATION SESSION NO.
Henry Albro.................. F.R. Mahony & Associates ...................... 5
David Alvarez ............. U.S. Geological Survey ......................... 1
Cynthia Baumann......... CDM Smith........................................ 2
Andrew Bennett........... Perkins+Will....................................... 7
Katelyn Biedron .......... CDM Smith........................................ 4
Geraldine Camilli........... Horsley Witten Group, Inc.................. 2
Guy Campinha................ Town of Wareham, MA................... 2
Elisabeth Cianciola ...... Charles River Watershed Association ........ 3
Geraldine Ciardelli....... City of Nashua, NH............................ 4
Jessica Colon............... NYC Mayor’s Office of Resiliency and Recovery....... 4
Amy Costa .................. Center for Coastal Studies...................... 1
Zenas “Zee” Crocker..... Three Bays Preservation Inc, & Barnstable Clean Water Trust .................. 1
Marc Drainville............ GHD ............................................. 2
Nicholas Ellis ............... Hazen and Sawyer.......................... 5
Garry-Lee Espinosa ...... Orenco Systems, Inc................................. 6
Marina Fernandes.......... CDM Smith...................................... 4
James Fitzpatrick .......... HDR ............................................. 2
Katie Friedman ............. Charles River Watershed Association ........ 3
Edward Furlong ........... U.S. Geological Survey ......................... 1
Thomas Gallagher ......... HDR ............................................. 1
Jessica Gooch .............. City of Portland, ME.......................... 5
Mohamed Hamoda........ Kuwait University........................... 6
Robert Hartzel ............. Geosyntec Consultants ....................... 1
Paul Hogan............... Woodard & Curran............................ 4
James Hoyt ................. Tata and Howard, Inc......................... 6
Richard Isleib ............. HDR ............................................. 1, 2
Jennifer Johnson ......... Nitsch Engineering.......................... 3
Kara Johnston ............. CDM Smith...................................... 4
Nicholas Kim............... HDR ............................................. 2
Dana Kolpin............... U.S. Geological Survey ......................... 1
Steven Landry .......... Tata and Howard, Inc......................... 6
Rainer Lohmann ........... University of Rhode Island................ 1
Amy Lowell ................ Town of Falmouth, MA....................... 6
Dingnan Lu ............... University of Massachusetts/Lowell ......... 7
Christian Mancilla ....... HDR ............................................. 1
Palavi Mande ............... Charles River Watershed Association ........ 3
Shawn Mayers .......... GrounSwell Designs............................ 3
Joe Mendola ............... City of Nashua, NH............................ 5
James Michel .............. Town of Greenwich, CT ....................... 2
Christian Miller ........... Town of Brewster, MA....................... 2
## Moderators

<table>
<thead>
<tr>
<th>MODERATOR</th>
<th>AFFILIATION</th>
<th>SESSION NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy Anderson</td>
<td>ARCADIS</td>
<td>4</td>
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<tr>
<td>Matt Brown</td>
<td>ADS Environmental Services</td>
<td>6</td>
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<tr>
<td>Ken Carlson</td>
<td>Woodard &amp; Curran</td>
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<td>Jennifer Doyle-Breen</td>
<td>AECOM</td>
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<td>James Drake</td>
<td>CDM Smith</td>
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<td>Jessica Dzvonkoski</td>
<td>JK Muir, LLC</td>
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<td>Nick Ellis</td>
<td>Hazen and Sawyer</td>
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<td>Sara Greenberg</td>
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<td>Jennifer Johnson</td>
<td>Nitsch Engineering</td>
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<td>Scott Lander</td>
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<td>Tom Loto</td>
<td>Kleinfelder</td>
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<td>Scott Naiva</td>
<td>Milliken Infrastructure Solutions</td>
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<td>Russell Parkman</td>
<td>Ramboll Environ</td>
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<td>Gerald Potamis</td>
<td>Town of Falmouth, MA (retired)</td>
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### NEWEA 2017 EXECUTIVE COMMITTEE

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>President</td>
<td>James Barsanti</td>
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<tr>
<td>President Elect</td>
<td>Janine Burke-Wells</td>
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<tr>
<td>Vice President</td>
<td>Raymond Vermette</td>
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<tr>
<td>Treasurer</td>
<td>Priscilla Bloomfield</td>
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<tr>
<td>Past President (Management Review)</td>
<td>Raymond Willis III</td>
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<tr>
<td>WEF Delegate (10/14)</td>
<td>Daniel Bisson</td>
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<td>WEF Delegate (10/15)</td>
<td>Susan Sullivan</td>
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<td>WEF Delegate (10/16)</td>
<td>Frederick McNeill</td>
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<td>WEF Delegate (10/17)</td>
<td>Matthew Formica</td>
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<td><strong>State Directors</strong></td>
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<td>Connecticut</td>
<td>Virgil Lloyd</td>
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<td>Maine</td>
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<td>Massachusetts</td>
<td>Justin deMello</td>
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<td>New Hampshire</td>
<td>Sean Greig</td>
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<td>Rhode Island</td>
<td>Michael Spring</td>
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<td>Vermont</td>
<td>Nathan Lavallee</td>
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<td><strong>Council Directors</strong></td>
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<td>Collection Systems/Water Resource Council</td>
<td>John DiGiacomo</td>
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<td>Communications Council Director</td>
<td>Jennifer Lachmayr</td>
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<td>Meeting Management Director</td>
<td>Elena Proakis Ellis</td>
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<td>Outreach Council</td>
<td>Jonathan Kunay</td>
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<td>Treatment, Systems Operations, &amp; Management Council</td>
<td>Marylee Santoro</td>
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<tr>
<td>Executive Director</td>
<td>Mary Barry</td>
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### NEWEA 2017 COUNCILS

#### Communications Council
- Journal Committee: Joseph Boccadoro
- Newsletter Committee: Ashley Dunn
- Public Awareness Committee*: Katelyn Biedron/Meg Tabacsko
- Website Committee*: Robert Musci

#### Treatment, Systems Operations, & Management Council
- Asset Management Committee: John Rogers
- Energy Committee: Denise Breiteneicher
- Laboratory Practices Committee: James Galasyn
- Microconstituents Committee: Justin Irving
- Operations Challenge Committee: Travis Peaslee
- Plant Operations Committee: Thomas Hazlett
- Residuals Management Committee: Natalie Sierra
- Small Community Committee: Daniel Ottenheimer
- Utility Management Committee: Brian Armet

#### Collection Systems/Water Resource Council
- Collection Systems Certification Committee: Gregory Kidd
- Collection Systems Committee: Peter Garvey
- CSO/Wet Weather Issues Committee: Ivonne Hall
- Industrial Wastewater Committee: Sarah White
- Stormwater Committee: David Bedoya/Vinta Varghese
- Sustainability Committee: Courtney Eaton/Robert Montenegro
- Water Reuse Committee: Nicholas Ellis
- Watershed Management Committee: Jennifer Johnson

#### Outreach Council
- Government Affairs Committee: Robert Fischer
- Humanitarian Assistance and Grants Committee: Tim Vivian
- Membership Committee: David Archard
- Public Education Committee: Geraldine Ciardelli
- Safety Committee: David Aucoin
- Scholarships Committee: Udayarka Karra
- Student Activities Committee: Annalisa Onnis-Hayden
- Water for People Committee: Anastasia Rudenko
- Young Professionals Committee: Ben Stoddard

* Ad hoc
Facility Tour

Woods Hole Oceanographic Institute
Visit the Woods Hole Oceanographic Institute in Falmouth, MA for a guided walking tour of the facility and an option to explore the Ocean Science Exhibit Center. The Woods Hole Oceanographic Institute is a world’s leading, independent non-profit organization dedicated to ocean research, exploration, and education. Research areas include a wide range of topics related to ocean and earth science, marine policy, and interdisciplinary work related to coastal ocean, ocean life, ocean exploration and climate change.

The walking tour will include a general overview of the Woods Hole Oceanographic Institute, including a tour through several engineering labs, the dock area and normally restricted village areas. The tour will start at the Woods Hole Oceanographic Institute Information Office and end at the Ocean Science Exhibit Center. Visitors to the Ocean Science Exhibit Center learn about the Institution's ocean science research and the vessels and tools developed by Woods Hole engineers and scientists. Tour is approximately 1 hour.

Transportation: Due to parking limitations at Woods Hole, transportation will be provided. Be ready to leave Sea Crest no later than 1:30 PM. Limited Availability.

Time: Tour starts promptly at 2:00pm.

Guest Program

MONDAY, JUNE 5

Breakfast
8:00–9:00 AM – Reds

Golf Tournament
Noon. Separate registration required—$110 pp

NEWEA Reception
6:00–7:30 PM – Exhibit Area

TUESDAY, JUNE 6

Breakfast
7:30–8:45 AM – Shutters

Guest Tour and Program
9:00 AM–3:00 PM – Shutters

Ladybugs All Day Long
We'll don our smocks and paint a cheery lady bug painting that can be customized by adding your children or grandchildren. Also in store is making a game board, making our 2017 ornament and a few other surprises, as well as, lunch somewhere in between.

As this is all about friendship, reach out to someone you know that attends the conference but doesn’t know about our program. Let them know just how much fun we have every time.

So, RED & BLACK & DOTS and DAISIES & LADYBUGS are in order for the laughter and fun we always have in just being together.

Operations Challenge Awards Reception
4:00 PM – Exhibit Area

Reception & Dinner
6:30–10:00 PM – Courtyard/Oceanview
Spring Meeting Exhibitors

ADS Environmental
AP/M Permaform
BETA Group, Inc.
CSL Services, Inc.
CUES
Duke’s Root Control, Inc.
EST Associates, Inc.
Flow Assessment Services LLC
HACH
IPEX USA LLC
Lystek International
Mechanical Solutions
Orenco Systems, Inc.
Precision Trenchless
Pump Systems, Inc.
Russell Resources, Inc.
Senqcia Maxco, Ltd.
Smart Vent Products
Statewide Aquastore, Inc.
StormTrap
Ted Berry Company
Warren Environmental
Water Resource Technologies LLC
WesTech Engineering, Inc.

Spring Meeting Planners

Conference Arrangements
Ron Tiberi
Program
Helen Gordon
Registration
Kerry Reed
Exhibits
Paul P. Casey
Operations Challenge
Travis Peaslee

Guest Program
Joy Lord
Golf Tournament
Peter Kibble
Meeting Management Director
Elena Proakis Ellis
Sponsors
Dennis Vigliotte
### NEWEA 2017 Spring Meeting & Exhibit
#### Final Program Schedule-at-a-Glance

**Room Assignments**
- Technical Sessions 1, 4 – Chatham
- 2, 3, 5, 6 – Race Point
- 7 – Nauset 1

<table>
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<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Sunday</td>
<td>8 AM</td>
<td>Registration – Nauset Conference Center</td>
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<tr>
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<td>Executive Committee Meeting</td>
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<td>Monday</td>
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<td>Monday</td>
<td>11 AM</td>
<td>Breakfast and General Opening Session</td>
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<tr>
<td>Monday</td>
<td>12 PM</td>
<td>Exhibit Area Open – Nauset Conference Center</td>
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<tr>
<td>Monday</td>
<td>1 PM</td>
<td>Technical Sessions 1 – 2 1. Watershed: Planning</td>
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<tr>
<td>Monday</td>
<td>2 PM</td>
<td>2. Stormwater—Coastal Resilience and Flood Mitigation</td>
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<tr>
<td>Monday</td>
<td>3 PM</td>
<td>Technical Session 3 Stormwater—Emerging Tools for Stormwater Management and Resiliency</td>
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<tr>
<td>Monday</td>
<td>4 PM</td>
<td>Technical Sessions 4 – 5 4. Public Education</td>
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<tr>
<td>Monday</td>
<td>5 PM</td>
<td>5. Collection Systems—Rehabilitation and Technology</td>
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<tr>
<td>Monday</td>
<td>6 PM</td>
<td>Technical Session 6 Collection Systems—Coastal and Odor Control Challenges</td>
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<tr>
<td>Monday</td>
<td>7 PM</td>
<td>Reception and Dinner</td>
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<tr>
<td>Tuesday</td>
<td>8 AM</td>
<td>Bike Ride</td>
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<tr>
<td>Tuesday</td>
<td>9 AM</td>
<td>Registration – Nauset Conference Center</td>
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<tr>
<td>Tuesday</td>
<td>10 AM</td>
<td>Speakers’ Breakfast</td>
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<tr>
<td>Tuesday</td>
<td>11 AM</td>
<td>Lunch Buffet</td>
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<tr>
<td>Tuesday</td>
<td>12 PM</td>
<td>Presidents’ Breakfast</td>
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<td>Exhibit Area Open – Nauset Conference Center</td>
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<td>Tuesday</td>
<td>2 PM</td>
<td>Operations Challenge Event – Nauset Conference Center</td>
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<td>Technical Sessions 4 – 5 4. Public Education</td>
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<td>5. Collection Systems—Rehabilitation and Technology</td>
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<td>Operations Challenge Awards</td>
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<td>7 PM</td>
<td>Reception and Dinner</td>
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<tr>
<td>Wednesday</td>
<td>8 AM</td>
<td>Registration &amp; Breakfast</td>
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<tr>
<td>Wednesday</td>
<td>9 AM</td>
<td>Technical Session 7 Sustainability and Energy</td>
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<tr>
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<td>Technical Session 7 Sustainability and Energy</td>
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