



# AGENDA

## PARTNER ORGANIZATIONS

Waquoit Bay  
National Estuarine Research Reserve

MA Department of Conservation  
and Recreation

National Oceanic and Atmospheric  
Administration

Waquoit Bay Reserve Foundation

## WAQUOIT BAY NATIONAL ESTUARINE RESEARCH RESERVE

# CAPE COASTAL CONFERENCE

**Collaborating for Solutions:  
Practical Sessions to Achieve Watershed Plans**

**JUNE 18, 2024**  
**9:00AM - 5:00PM**

## NETWORKING RECEPTION

**5:00PM - 6:00PM**

### The Emerald

Resort & Conference Center  
35 Scudder Ave., Hyannis



WAQUOIT BAY  
NATIONAL  
ESTUARINE  
RESEARCH  
RESERVE



## TUESDAY, JUNE 18, 2024

- 8:00AM **Sign-in and morning refreshments**
- 9:00AM **Opening Remarks - Main Ballroom**  
*Tonna-Marie Rogers and Kristen Weir, Waquoit Bay National Estuarine Research Reserve*
- 9:15AM **Keynote Presentation**  
**Clear Waters, Stronger Communities: Partnering for Sustainable Solutions**  
Stories about the value of water and looking ahead to ways to protect waterways.  
*Jason Steiding, Department of Natural Resources, Mashpee Wampanoag Tribe*
- 9:50AM-10:25AM **Plenary Session 1 - Ways to Collaboratively Manage Watersheds on Cape Cod & Islands**  
**Key Conversations: Regional Perspectives on Watershed Planning**  
A discussion about the value of collaborative watershed management, challenges, and potential water protection strategies.  
*Erin Perry, Cape Cod Commission and Andrew Gottlieb, Association to Preserve Cape Cod*
- 10:25AM-11:05AM **Title 5 Updates and Watershed Permitting**  
An overview of the Watershed Permit Program and updates on the Best Available Nitrogen Reducing Technology (BANRT).  
*Lealdon Langley, Division of Watershed Management, MassDEP and Gerard Martin, Southeast Region, MassDEP*
- 11:05AM-11:30AM **Networking Break with Exhibitors**
- 11:30AM-12:30PM **Plenary Session 2 - Better Understanding the Watershed Planning Process Through Local Case Studies**  
**Pleasant Bay Watershed Permit Case Study**  
Key components of the Pleasant Bay Alliance's Watershed Permit Project focusing on elements that are readily transferrable to towns forming their own collaborations. Lessons learned and questions that remain after adaptively managing the watershed permit for six years.  
*Carole Ridley, Ridley & Associates, Inc., Mike Giggey, Wright-Pierce, Greg Berman, Town of Chatham, Mark Nelson, Horsley Witten Group*
- 12:30PM-1:30PM **Lunch (provided) and Networking with Exhibitors**
- 1:30PM-2:05PM **Targeted Watershed Management Plans: Wellfleet Harbor and Lake Tashmoo, Tisbury**  
Hybrid watershed plans integrating traditional and alternative nitrogen removal strategies, the collaborative process working with towns and MassDEP, and strategies to balance affordable housing and nitrogen reduction in watersheds  
*Scott Horsley, Water Resources Consultant*
- 2:05PM-3:15PM **Watershed Planning Round Table Discussions to Collaboratively Advance Nitrogen Removal Strategies on the Cape & Islands**  
Volunteer facilitators at each table will prompt small groups to discuss their approaches for watershed planning & exchange knowledge around the challenges related to water protection.
- 3:15PM-3:30PM **Coffee Break**

## BREAKOUT SESSIONS

Learning from case studies to better understand alternative methods for removing nitrogen in waterways and to better plan for water quality improvements through collaborative funding.

3:30PM-5:00PM      **Concurrent Breakout Sessions**

### Session One - Osterville A

**Onsite Denitrification Systems (Enhanced I&A): Lessons Learned from Implementation and Practical Support for Towns.** *(20 minute presentations)*

**Getting the “N” Out- Not Painless, But Possible: Learning From Nitrogen Removing Septic System Data to Find a Path Forward** - Sara Wigginton, *Massachusetts Alternative Septic System Test Center (MASSTC)*

**Flowing Forward: Managing the Future of A/I Systems on Cape Cod** - David Iorio Izzo, *MASSTC*

**The Shubael Pond Project, Cape Cod’s First Neighborhood Enhanced Innovative/Alternative System Project: Proof of Performance and Cost Analysis** - Zenas Crocker, *Barnstable Clean Water Coalition*

### Session Two - Osterville B

**Urine Diversion: Lessons Learned from Small-Scale Implementation in Falmouth and Larger Scale Implementation in Vermont.** *(20 minute presentations)*

**Cape Cod, Urine Trouble** - Hilda Maingay & Earle Barnhart, *The Green Center*

**Urine Diversion: Practical Experiences from Brattleboro, VT** - Abraham Noe-Hays, *Rich Earth Institute*

**Considering Eco-Toilets for Nutrient Management on Cape Cod** - Bryan Horsley, *MASSTC*

### Session Three - Centerville A/B

**Regional Shellfish Efforts to Reduce Nitrogen and Challenges with Scaling-up Production on Cape Cod.** *(15 minute presentations)*

**Challenges and Opportunities in Using Aquaculture for Nitrogen Bioextraction** - Josh Reitsma, *Woods Hole Oceanographic Institution Sea Grant*

**The Value of Oyster Farming: Issues Surrounding 208 Planning & Potential Economic Impacts** - Michael DeVasto, *Wellfleet Selectboard Member and Commercial Shellfish Grower*

**Aquacultural Production and Nitrogen Removal in Falmouth, MA: Current Progress & Projections** - Tom Duncan, *Falmouth Water Quality Management Committee* and Chuck Martinsen, *Falmouth Marine & Environmental Services*

**Incorporation of a Robust Shellfish Program into Mashpee’s Comprehensive Watershed Nitrogen Management Plan: Scaling, Initial Results, Difficulties and Future of the Program** - Ashley Fisher and Christopher Avis, *Mashpee Division of Natural Resources*

### Session Four - Ballroom

**Funding Opportunities for Watershed Plans: Grant Program Overviews and Panel Discussion.**

*(50 minute presentation followed by a 40 minute discussion)*

**Section 604(b) Water Quality Management Planning Grant Program Section and 319 Nonpoint Source Competitive Grants Program** - Padmini Das and Judith Rondeau, *Nonpoint Source (NPS) Management Section, MassDEP*

**Municipal Vulnerability Preparedness (MVP) Program** - Courtney Rocha, *MA Executive Office of Energy and Environmental Affairs*

**Coastal Habitat and Water Quality Grants and Buzzards Bay National Estuary Program** - Kathleen Mason, *Massachusetts Office of Coastal Zone Management*

**Southeast New England Program Watershed Implementation Grants (SWIG)** - Thomas Ardito, *Restore America’s Estuaries, Southeast New England Program, SNEP*

5:00PM-6:00PM      **Networking Reception with Exhibitors**

# THANK YOU TO OUR EXHIBITORS

