

MAWWG-NEBAWWG Joint Meeting
November 12-14, 2024 | Northampton, MA
Assessing Resources, Planning for Change

Agenda

Tuesday, November 12

- 12:30-5:00pm **Field Trip to Silvio O. Conte National Wildlife Refuge, Hadley, MA and Pine Grove Restoration Site, Northampton, MA**
Plan to have lunch on your own before the field trip. Dress appropriately for the weather and for trail walking.
- 12:30pm: Bus departs from the Hotel Northampton
- 1:00pm – 3:30pm: Tour of the [Silvio O. Conte National Wildlife Refuge](#) (located at 69 Moody Bridge Rd., Hadley, MA 01035)
- 3:30pm – 4:30pm: Travel to and visit the [Pine Grove Restoration Site](#) (located along Old Wilson Rd. about 0.5 mile south of Rocky Hill Rd/Rte. 66 in Northampton)
- 5:00pm: Bus returns to Hotel Northampton

Wednesday, November 13

- 7:30-8:30am *Light Breakfast (provided)*
- 8:30-9:00am **Welcome/Agenda Review/Logistics**
- 9:00-9:40am **State/Tribe/Partner Updates**
- Delaware: *Alison Rogerson, Delaware Department of Natural Resources and Environmental Control*
 - Maine: *Beth Connors, Maine Department of Environmental Protection and Kristen Puryear, Maine Natural Areas Program*
 - Maryland: *Denise Clearwater, Maryland Department of the Environment*
 - Vermont: *Tina Heath, Laura Lapierre, and Charlie Hohn, Vermont Department of Environmental Conservation*
- 9:40-10:00am *Coffee Break*

10:00am-12:15pm	<p>Climate Change and Wetlands</p> <p>Fifth National Climate Assessment (Northeast Chapter) <i>Jessica Whitehead, Old Dominion University Institute for Coastal Adaptation and Resilience</i></p> <p>Resilience Planning and Implementation in Northampton <i>Sarah LaValley, City of Northampton Office of Planning and Sustainability</i></p> <p>Sediment Sourcing and Contributions to Vertical Salt Marsh Accretion in the Northeast US <i>Jon Woodruff, Northeast Climate Adaptation Science Center</i></p> <p>Landscape-level and site-level based functional assessment and implications due to climate change <i>Mark Biddle, DNREC</i></p> <p>A GIS-based hydraulic modeling tool for Massachusetts stream crossing replacement projects in USGS StreamStats <i>David Hilgeman, MA DEP and Gardner Bent, USGS</i></p>
12:15-1:30pm	<i>Lunch in Wiggins Tavern (provided)</i>
1:30-3:00pm	<p>State/Tribe/Partner Updates</p> <ul style="list-style-type: none"> • New Hampshire: <i>Jessica Bouchard, New Hampshire Natural Heritage Bureau and Mary Ann Tilton, New Hampshire Department of Environmental Services</i> • Connecticut: <i>Laura Robbins, Connecticut Department of Energy & Environmental Protection</i> • Rhode Island: <i>Tom Kutcher, Rhode Island Natural History Survey</i> • New York: <i>Laura Shappell, New York Natural Heritage Program</i> • Pennsylvania: <i>Mary Ann Furedi, Western Pennsylvania Conservancy/Pennsylvania Natural Heritage Program</i> • Chickahominy Indian Tribe: <i>Joseph Hunt, Chickahominy Indian Tribe</i> • West Virginia: <i>Sara Miller and Kylie Joins, West Virginia Department of Environmental Protection</i> • NEIWPC: <i>Alex DuMont, NEIWPC</i>
3:00-3:15pm	<i>Break</i>
3:15-3:35pm	<p>Updates from the National Wetlands Inventory <i>Amanda Pachomski, USFWS</i></p>

3:35-5:00pm

Innovative Uses of Technology in Wetland Monitoring and Assessment

Investigating the use of multispectral drones for identifying salt marsh condition

Joshua Moody, NJDEP

Using Unoccupied Aerial Systems (drones and sensors) to assess and monitor salt marshes

Scott Jackson, UMass Amherst

District Wetland and Stream Permit Screening Tool

Jennifer Dietzen, DC DOEE

Update on Wetland Condition Assessment Tool (WetCAT)

Dave Davis, VADEQ

5:00pm

Adjourn

Thursday, November 14

7:30-8:30am

Light Breakfast (provided)

8:30-8:45am

Welcome/Agenda Review/Logistics

8:45-9:45am

State/Tribe/Partner Updates

- Massachusetts: *Tay Evans, Mass DEP*
- Virginia: *Dave Davis, Virginia Department of Environmental Quality*
- District of Columbia: *Jennifer Dietzen, DC Department of Energy & Environment*
- New Jersey: *Metthea Yepsen, New Jersey Department of Environmental Protection*
- NJSEA: *Terry Doss, NJSEA - Meadowlands Research & Restoration Institute*
- NAWM: *Portia Osborne, NAWM*

9:45-10:30am

Common Metrics Project

Megan Fitzgerald, US EPA

10:30-10:45am

Coffee Break

10:45-11:45am

Cumulative and Secondary Impacts to Wetlands

The Watershed Resources Registry: Making GIS Accessible to Build Capacity

Katheryn Barnhart, US EPA

Managing Flood Storage Impacts with Rhode Island's Freshwater Wetlands Regulatory Program
Chuck Horbert, RI DEM

Modeling Tidal Wetland Migration Potential in Delaware
Alison Rogerson, DNREC

11:45am-1:00pm *Lunch in Wiggins Tavern (provided)*

1:00-2:45pm **Functional Assessments and Restoration Techniques**

The 2024 Function Based Rapid Stream Assessment
Nick Ozburn, USACE Baltimore District – remote

Little Arnot Run, Restoration of a Headwater Stream
Ephraim Zimmerman, PADCNR – remote

Wetland Rapid Assessment: Technical Guidelines for Developing, Reviewing, and Revising Assessment Methods
Simone Whitecloud, U.S. Army Engineer Research and Development Center

Consolidating wetland program gains via outreach initiatives and updated mapping
Sara Miller and Kylie Joins, WVDEP

A Watershed Approach to Restoration in New England
Taylor Bell, USACE New England District

2:45-3:00pm *Break*

3:00-4:30pm **Applications of Wetland Monitoring Data**

Developing a Wetland Regional Monitoring Network in EPA Regions 1, 2, 3 and 5
Todd Lutte, EPA

Status and change in wetland condition (2011-2021), results from the 2021 National Wetland Condition Assessment
Gregg Serenbetz, EPA

Do wetlands count? Tracking and mapping a moving target
Pam Mason, VIMS

State Responses to Changes in Federal Wetlands Jurisdictional Extent post-*Sackett v. EPA*
Moderator: Mary Ann Tilton, NH DES
Panelists: Alison Rogerson, DNREC; Dave Davis, VA DEQ; Jeff Lapp, NAWM; Laura Lapierre, VT DEC

4:30-5:00pm **Wrap-up/Debrief/Next Steps**