



## NAWM Members' Webinar Series

Although occasionally NAWM opens up the live broadcast of the Members' webinars to the public, recordings of these webinars are only available to NAWM Members. This is one of the many benefits available to NAWM members that are available at a very reasonable rate. For more information on the benefits of membership and how to join, [click here](#).

### 2022

**April 27, 2022** [View recording here](#)

**Managing Impacts to Wetlands from Solar Development** – Laura Lapierre, Vermont Department of Environmental Conservation

**March 30, 2022** [View recording here](#)

**Implications of different Waters of the US definitions in NC and the Southeast Based on field-based data from Level IV Ecoregions** – John Dorney, Axiom Environmental

**February 23, 2022** [View recording here](#)

**Coastal Wetland Migration as a Climate Change Resiliency Strategy: Conservation Planning and Decision Making** – Mary Schoell, NOAA Digital Coast Fellow

**January 26, 2022** [View recording here](#)

**Transforming Communications with the Public about Water Quality: How to Use EPA's "How's My Waterway" Data Application** – Kiki Schneider, U.S. Environmental Protection Agency

### 2021

**December 15, 2021** [View recording here](#)

**Conducting a Benefits Assessment for Restoration of Wetlands on Cranberry Farmland** – Glorianna Davenport, Living Observatory, Plymouth, MA

**October 27, 2021** [View recording here](#)

**Megafires Be Dammed: Can Beaver-created Fire Refugia Persist Through Extreme Wildfire Events?** – Emily Fairfax, Ph.D., California State University Channel Islands

**September 29, 2021** [View recording here](#)

**Developing a New Ecological Site Description for Karst Fens** – Frank Nelson, Missouri Department of Conservation

**August 18, 2021** [View recording here](#)

**Drones 3.0 – Inexpensive Tools and Technologies to get from Wetland Drone Images to Wetland Assessment Deliverables** – Art Ostaszewski, Michigan Environment Great Lakes and Energy (EGLE) Department

June 30, 2021 [View recording here](#)

**State Tools to Support Mitigation Banking: New Concepts, Considerations and Implementation** – Denise Clearwater, Maryland Department of the Environment; Lauren Driscoll, Washington State Department of Ecology; and Kate Thompson, Washington State Department of Ecology

May 26, 2021 [View recording here](#)

**Protecting Wetlands through Integration with State Buffer and River Corridor Programs** – Chuck Horbert, Rhode Island Department of Environmental Management; Rob Evans, Vermont Department of Environmental Conservation; Gretchen Alexander, Vermont Department of Environmental Conservation, Geospatial Services

April 28, 2021 [View recording here](#)

**Technology for Manual Delineation, Confirmation and Characterization of Wetlands: ESRI's Wetland Identification Model (WIM) and More** – Gina O'Neil, Ph.D., Technical Consultant, Esri; Jeremy Schewe, PWS, Chief Scientific Officer, Ecobot; and Kevin Benck, Geospatial Services

April 14, 2021 [View recording here](#)

**Drones in Environmental Assessment: Getting Michigan's Program off the Ground** – Art Ostaszewski, Michigan Environment Great Lakes and Energy (EGLE) Department

February 24, 2021 [View recording here](#)

**State Climate Action Plans: How Maine and Wisconsin Created a Path Toward Resiliency** – Hannah Pingree, Director, Governor's Office of Policy Innovation and the Future; Cassaundra Rose, PhD, Senior Science Analyst & Climate Council Coordinator, Governor's Office of Policy Innovation and the Future; Maria Redmond, Director, Wisconsin's Office of Sustainability and Clean Energy; and Wenona Wolf, Deputy Chief of Staff and Policy Director, Office of Lieutenant Governor Mandela Barnes

January 27, 2021 [View recording here](#)

**Using Drone Technology to Support Wetland Work** – Barbara Poage, Oregon Department of State Lands and Jessica Lewis, Mississippi Band of Choctaw Indians

## 2020

November 18, 2020 [View recording here](#)

**Wetland Drainage in North America: An Update on the Status of Drainage and New Restoration Findings** – Tom Biebighauser, Wetland Restoration and Training

October 28, 2020 [View recording here](#)

**Wetland and Floodplain Restoration for Hazard Risk Reduction and Economic Outcomes** – Patty Glick, Senior Scientist, National Wildlife Federation; Brandon Parsons, Associate Director, Rivers of Puget Sound and Columbia Basin, American Rivers; and Jessie Ritter, Director of Water Resources and Coastal Policy, National Wildlife Federation

September 30, 2020 [View recording here](#)

**Large-scale Wetland Restoration that Harnesses the Power of Natural Infrastructure for Water Quality Improvement in Agricultural Landscapes** – Owen Steele, Ducks Unlimited Canada and Bryan Page, Ducks Unlimited Canada

August 18, 2020 [View recording here](#)

**How Coastal Wetlands Reduce Coastal Damage During Tropical Cyclones** – Richard Carson, Distinguished Professor of Economics, University of California, San Diego and Fanglin Sun, PhD, Graduate of University of California, San Diego

July 15, 2020 [View recording here](#)

**Michigan's Web-based Permitting Tools for Reporting and Public Access: A Tour of Michigan's MIWaters Data and Lessons Learned** – Chad Fizzell, Wetlands GIS Specialist, Michigan Department of Environment, Great Lakes, and Energy and Anne Garwood, Michigan Department of Environment, Great Lakes, and Energy

May 27, 2020 [View recording here](#)

**An Introduction to the Recovering America's Wildlife Act: Understanding Its Relationship with Wetlands** – Naomi Edelson, National Wildlife Federation

March 25, 2020 [View recording here](#)

**The Navigable Waters Protection Rule: Highlights & Initial Take-Aways**– Royal Gardner, Professor of Law and Director of the Institute for Biodiversity Law and Policy, Stetson University College of Law; Mark Patrick McGuire, Association of Clean Water Administrators; Ken Norton, National Tribal Water Council; and Brenda Zollitsch, PhD, Senior Policy Analyst, Association of State Wetland Managers.

*Please note, this ASWM Members' Webinar recording has been made available to the public on the [Clean Water Act Webinars](#) page.*

February 26, 2020 [View recording here](#)

**The Future of Restoration of Wetlands from Constructed Impoundments** – Tom Biebighauser, Wetland Restoration and Training

January 29, 2020 [View recording here](#)

**In Lieu Fee Mitigation for Impacts to Aquatic Resources: Current Program Instruments and Implementation Practices in the United States** – Rebecca L. Kihlslinger, Environmental Law Institute and Erin Okuno, Institute of Biodiversity Law and Policy, Stetson University College of Law

## 2019

December 11, 2019 [View recording here](#)

**Becoming a Ramsar-designated Internationally Important Body of Water: Understanding the Opportunities Created and Lessons Learned from the Niagara River Corridor's Recent Designation** – Kim Diana Connolly, Professor and Vice Dean; Director of Clinical Legal Education, University at Buffalo School of Law

October 30, 2019 [View recording here](#)

**Understanding California's New Wetland Rules and Implications for Wetland Management** – S. Keith Garner, Sheppard Mullin

September 25, 2019 [View recording here](#)

**The Value of Wetlands for Natural Disaster** – Matthew McCartney, International Water Management Institute and Max Finlayson, PhD, Institute for Land, Water and Society, Charles Sturt University

July 31, 2019 [View recording here](#)

**Modeling Impacts of Climate Change and Land-use Change on Prairie Pothole Wetlands** – Owen McKenna, Research Ecologist, U.S. Geological Survey, Northern Prairie Wildlife Research

June 12, 2019 [View recording here](#)

**Identifying Listed Species and Streamlining Section 7 Consultation for Wetland Permitting (And More): Introduction to the US Fish and Wildlife Service's Online IPaC Tool** – Victoria Foster, National IPaC Program Coordinator, U.S. Fish & Wildlife Service

May 8, 2019 [View recording here](#)

**Healthy Wetlands, Healthy Watersheds: Helping States and Tribes Develop Watershed-level Wetland Projects and Integrated Programs** – Brenda Zollitsch, PhD, Senior Policy Analyst, Association of State Wetland Managers and Starsha Schiller, Intern, Association of State Wetland Managers

March 20, 2019 [View recording here](#)

**Understanding State Agency Opportunities for Third Party Compliance Monitoring on Pipeline Projects** – Mike Warner, Transcon Environmental, Inc. and Jeff Davis, Transcon Environmental, Inc.

January 30, 2019 [View recording here](#)

**Wetland Restoration Contractor Selection 101: Key Considerations for Successful Wetland Restoration and Project Implementation** – Tom Harcarik, Environmental Planner, Ohio Environmental Protection Agency; Neal Hess, Conservation Specialist, EnviroScience, Inc. and Broker/Owner, Conservation Realty Group, LLC; and John Watts, Resource Manager, Columbus Metro Parks

## 2018

December 19, 2018 [View recording here](#)

**Using Living Shorelines Prioritization Tools for Wetland Improvements** – Damon Yakovleff, Cumberland County Soil and Water Conservation District, Maine

November 28, 2018 [View recording here](#)

**Planning Wetland Restoration at the Watershed Level** – Ralph Tiner, US Fish & Wildlife Service (Retired); Juli Crane, Lake County IL Stormwater Management Commission; Glenn Westman, Lake County IL Stormwater Management Commission

October 24, 2018 [View recording here](#)

**Building Wetland Water Quality Monitoring Analysis Capacity Utilizing EPA's Water Quality "eXchange" Tools and Services** – Laura Shumway, US Environmental Protection Agency

October 10, 2018 [View recording here](#)

**Using Avoided Land Loss as a Proxy for Reduced Storm Damages: Feasibility Study Findings for an Environmental Impact Bond in Louisiana and the Gulf** – Carolyn duPont, Quantified Ventures  
NS Shannon Cunniff, Environmental Defense Fund

July 25, 2018 [View recording here](#)

**Navigating the Clean Water Act: A Map to the Waters of the United States** – Robert Parker, Olsson Associates

June 27, 2018 [View recording here](#)

**Helping Wetland Restoration Decision-Making with EPA's Recovery Potential Screening Tool** – Douglas Norton, Senior Environmental Scientist, US Environmental Protection Agency

May 2, 2018 [View recording here](#)

**How Ohio EPA Generated Funds to Address the Loss of Ecological Function and Biological Diversity Threatening the State's Water Quality** – Tom Harcarik, Ohio Environmental Protection Agency

January 31, 2018 [View recording here](#)

**Mapping tidal wetlands and their losses on the U.S. West Coast: New methods, new insights** – Laura Brophy, Director, Estuary Technical Group, Institute for Applied Ecology, Corvallis, Oregon, USA

## 2017

December 13, 2017 [View recording here](#)

**How to Keep Headcuts from Working their Way Up or Downstream and Destroying Wetlands** – Tom Biebighauser, Wetland Restoration and Training

November 29, 2017 [View recording here](#)

**Restoration Outcomes and Reporting: An Assessment of Wetland Area Gains in Wisconsin** – Tom Dahl, U.S. Fish and Wildlife Service (Retired) and Rusty Griffin, U.S. Fish and Wildlife Service  
Dana Pounds, Nature's Academy

November 1, 2017 [View recording here](#)

**Centred Outdoors: Trading Screen Time for Wild Spaces — One Community's Approach** – Robert Brooks, Pennsylvania State University and Andrea Murrell, ClearWater Conservancy

September 27, 2017 [View recording here](#)

**Inspiring Lifelong Wetland and Coastal Habitat Stewards through Citizen Science** – Dana Pounds, Nature's Academy– Rachel Bouvier, Principal, rbouvier consulting

June 28, 2017 [View recording here](#)

**The Price of Everything and the Value of Nothing: Is Ecosystem Valuation Worth It?** – Rachel Bouvier, Principal, rbouvier consulting

May 17, 2017 [View recording here](#)

**Improving Wetland and Stream Mitigation Crediting** – Michelle Mattson, US Army Corps of Engineers; Eric Stein, Southern California Coastal Water Research Project; Will Harman, Stream Mechanics

February 22, 2017 [View recording here](#)

**Working with Wetlands to Increase Resilience: A Panel on Innovative State Program Practices** – Stephanie Santell, US Environmental Protection Agency; Karen Menetrey, New Mexico, Office of Environment; John Genet, Minnesota Pollution Control Agency; Collis Adams, New Hampshire Department of Environmental Services

## 2016

November 30, 2016 [View recording here](#)

**Innovations in State Buffer Management** – Kimberly Roth, Environmental Analyst, New England Pollution Control Commission; Trish Garrigan, Healthy Watersheds and Green Infrastructure Coordinator, EPA New England; Tom Gile, Buffers and Soil Erosion Program Coordinator, Minnesota Bureau of Water and Soil Resources; Danny Bennett, Wildlife Biologist, West Virginia Department of Natural Resources

July 27, 2016 [View recording here](#)

**Long Term Financial Assurances for Wetland Mitigation and Voluntary Restoration** – Steve Martin, U.S. Army Corps of Engineers; Palmer Hough, U.S. Environmental Protection Agency's (EPA), Office of Wetlands, Oceans, and Watersheds; Robert Capriola, Westervelt Ecological Services; Angela Sturdevant, The Nature Conservancy's Indiana Chapter

June 29, 2016 [View recording here](#)

**Ohio's VIBI-FQ: An Innovative Tool for Monitoring Natural and Mitigation Wetlands** – Brian Gara, Ohio Environmental Protection Agency

May 25, 2016 [View recording here](#)

**Financial Assurances and Compensatory Mitigation** – Steve Martin, U.S. Army Corps of Engineers

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**Capitalizing on the Forthcoming Release of the National Wetland Condition Assessment Report to Promote Your Wetland Program** – Brenda Zollitsch, ASWM Policy Analyst

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**Wetlands and Nutrient Uptake in Agricultural Settings** – Tom Harcarik, Ohio Environmental Protection Agency, Division of Environmental and Financial Assistance; Bill Schumacher, Ohio Environmental Protection Agency, Division of Surface Water; and Eric Saas, Ohio Environmental Protection Agency, Division of Surface Water

## 2015

December 9, 2015 [View recording here](#)

**Climate-Smart Conservation for Wetlands** – Dr. Bruce A. Stein, Senior Director, Climate Adaptation and Resilience, National Wildlife Federation

November 4, 2015 [View recording here](#)

**Solar Project Siting and Wetland Permitting Part 2: Panel Discussion on State Wetland Permitting Considerations** – Lealdon Langley, Massachusetts DEP Wetland Program; Laura Lapierre, Vermont DEC Wetland Program; Beth Alafat, U.S. EPA Region 1; and Cori Rose, U.S. Army Corps of Engineers, New England District

September 30, 2015 [View recording here](#)

**Solar Project Siting and Wetland Permitting** – Roger Freeman, J.D., Solventerra

July 29, 2015 [View recording here](#)

**Using Beaver as a Wetland Restoration Tool: Restoration Lessons Learned and an Introduction to the Beaver Restoration Assessment Tool (BRAT)** – Joe Wheaton, Assistant Professor and Ecogeomorphology & Topographic Analysis Lab Director at Utah State University

June 24, 2015 [View recording here](#)

**Findings from ASWM's New Status and Trends Report on State Wetland Programs in the United States** – Brenda Zollitsch, Policy Analyst, Association of State Wetland Managers

April 29, 2015 [View recording here](#)

**Assessment of Wetland Mitigation Success: Findings from a New Study on Massachusetts Wetland Replication Projects** - Lisa Rhodes, Massachusetts Wetland Program, Massachusetts Department of Environmental Protection and Scott Jackson, University of Massachusetts at Amherst

February 25, 2015 [View recording here](#)

**Monitoring Results from the Big Spring Run Aquatic Ecosystem Restoration Project and Prospects for Addressing Watershed Impairments Related to Legacy Sediment** – Jeff Hartranft, Pennsylvania Department of Environmental Protection

## 2014

November 26, 2014 [View recording here](#)

**Wetlands Supplement: Incorporating Wetlands into Watershed Planning** – Kerry Ann Weaver, Life Scientist, US EPA Region 5

October 20, 2014 [View recording here](#)

**ELI and The Nature Conservancy's Watershed Approach Handbook: Improving Outcomes and Increasing Benefits Associated with Wetland and Stream Restoration and Protection Projects** – Nicholas Miller, Science Director, The Nature Conservancy in Wisconsin; Mark Smith, Deputy Director of the North America Freshwater Program, The Nature Conservancy; and Jessica Wilkinson, Senior Policy Advisor for Mitigation, The Nature Conservancy

September 24, 2014 [View recording here](#)

**Ecosystem Service Valuation for Wetland Restoration: What it is, How to do it and Best Practice Recommendations** – Marla Stelk, Policy Analyst, Association of State Wetland Managers

July 30, 2014 [View recording here](#)

**Wetland Link International North America Webinar II: Best Practice in Designing, Building and Operation of Wetland Education Centers:**

- **Summary of the Development of the Wetland Centre Handbook** – Chris Rostron, WLI/Nathalie Bays, Oak Hammock Marsh
- **Master Planning for Wetland Centers** – Marie Banks, WWT Consulting
- **Running Programs at Wetland Centers** – Katelin Frase, Environmental Concern
- **Financial Planning and Resourcing** – Mathalie Bays, Oak Hammock Marsh

June 19, 2014 [View recording here](#)

**Key Findings from ASWM's National Report on State Definitions, Jurisdiction and Mitigation Requirements in State Programs for Ephemeral, Intermittent and Perennial Streams in the United States** – Brenda Zollitsch, PhD, Policy Analyst, ASWM

May 8, 2014 [View recording here](#)

**Status and Trends of the Prairie Pothole Region** – Tom Dahl, U.S. Fish and Wildlife Service (Retired)

February 26, 2014 [View recording here](#)

**Arid Land Restoration, Blue Lake Wetlands Project** – Tom R. Biebighauser, Center for Wetlands and Stream Restoration

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**Living Shorelines** – Kevin Du Bois, Environmental Engineer, City of Norfolk, VA

## 2013

**October 16, 2013** [View recording here](#)  
**Inspection and Maintenance of Wetlands** – Tom Biebighauser, Wetland Restoration and Training

**September 18, 2013** [View recording here](#)  
**Going, Going, Gone Millions of Acres of Wetlands and Fragile Land Go Under the Plow** – Craig Cox, Senior Vice President for Agriculture and Natural Resources and Soren Rundquist, Landscape and Remote Sensing Analyst Environmental Working Group

**July 24, 2013** [View recording here](#)  
**Developing a Wetland Management Plan for the White Oak Bayou Watershed** – Scott Owen, Terra Aquatica Environmental, LLC

**July 17, 2013** [View recording here](#)  
**Koontz v. St. Johns River Water Management District: What Happened and Where Do We Go From Here** – Royal Gardner, Stetson University College of Law, Jan Goldman-Carter, National Wildlife Federation, Jon Kusler, Association of State Wetland Managers, Dan Siegel, Attorney General's Office, California.

**June 26, 2013** [View recording here](#)  
**Permitting Wetland Restoration Projects** – Peg Bostwick, Association of State Wetland Managers

**May 29, 2013** [View recording here](#)  
**Designing Wetlands for Rare Amphibians** – Tom Biebighauser, U.S. Forest Service

**April 30, 2013** [View recording here](#)  
**Emerging Legal issues with Wetlands and Climate Change** – Pat Parenteau, Esq., Vermont Law School and Jon Kusler, Esq. Association of State Wetland Managers

**March 26, 2013** [View recording here](#)  
**Wetlands, Carbon and Climate Change** – Dr. William J. Mitsch, Director, Everglades Wetland Research Park

**February 27, 2013** [View recording here](#)  
**Identifying Drained Wetlands** – Tom Biebighauser, U.S. Forest Service

**January 29, 2013** [View recording here](#)  
**Wetland Mitigation and the U.S. Supreme Court: Koontz v. St. Johns River Water Management District** – Royal Gardner, Stetson University College of Law and Jan Goldman-Carter, National Wildlife Federation

## 2012

**December 11, 2012** [View recording here](#)  
**Coastal Blue Carbon - What's all the Fuss About?** – Steve Emmett-Mattox, Restore America's Estuaries

**November 27, 2012** [View recording here](#)  
**Water Quality Standards for Wetlands** – Jeanne Christie and Jon Kusler, Association of State Wetland Managers, and Jennifer Linn, U.S. Environmental Protection Agency

**October 2, 2012** [View Recording here](#)  
**National Wetland Plant List** – Dr. Bob Lichvar, U.S. Army Corps of Engineers