



National Association of Wetland Managers

Overview of NAWM Trainings and Projects

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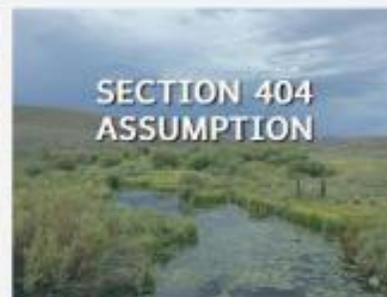
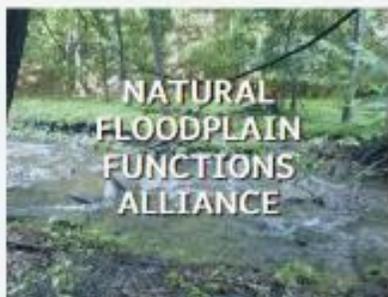
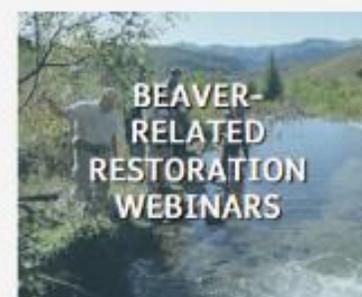
National Association of Wetland Managers



The mission of NAWM is to build capacity for state and Tribal members and foster collaboration among the wetland community of practice by encouraging the application of sound science to wetland management and policy, promoting the protection and restoration of wetlands and related aquatic resources, and providing training and education for members and the general public.

NAWM WEBINARS

(by webinar series)



Wetlands One-Stop Mapping

Wetlands One-Stop Mapping is an online resource designed to help the general public and GIS users locate and learn more about U.S. wetlands by providing access to geospatial data and information on wetlands and wetland mapping. The U.S. Fish and Wildlife Service (FWS), through its [National Wetland Inventory](#) (NWI), produces and distributes maps and other geospatial data on American wetland and deepwater habitats. Wetlands One-Stop Mapping complements the NWI website by providing links to [national datasets](#) relevant to wetland mapping; data and information on the (NWI), produces and distributes maps and other geospatial data on American wetland and deepwater habitats. Wetlands One-Stop Mapping complements the NWI website by providing links to national datasets relevant to wetland mapping; data and information on the [Landscape Position, Landform, Water Flow Path and Waterbody Type \(LLWW\) classification system](#); information on [wetland functional assessments](#); and guidance on [funding for wetland mapping projects](#).

The National Association of Wetland Managers (NAWM), in collaboration with Virginia Tech's Conservation Management Institute (CMI) and the U.S. Fish and Wildlife Service's Northeast Region, originally created Wetlands One-Stop Mapping to provide easy online access to geospatial data on wetlands and soils produced by federal and state agencies. This webpage has been updated over time by NAWM and the Wetland Mapping Consortium (WMC) Steering Committee. More information on the [WMC can be found here](#).

[Wetlands One-Stop Mapping Links by Subject](#)

[National Data Sets & Information](#)

[LLWW Data & Information](#)

[LLWW Classification](#)

[LLWW Reports](#)

[Wetland Functional Assessments](#)

[Funding for Wetland Mapping](#)

[Wetland Mapping Consortium](#)



BEAVER RELATED RESTORATION & LOW-TECH PROCESS BASED RESTORATION



Beaver-Related Restoration Webinars and Training Modules



Examples of Beaver-related Restoration



Training and Guidance on Beaver-related Restoration Techniques



Placement, Modeling, Planning and Permitting Beaver-related Restoration



Common Challenges Associated with Beaver-related Restoration



Beaver-Related Restoration National Dialogue Summary Report

ONLINE TRAININGS



HYDRIC SOILS



BEAVER-RELATED RESTORATION



COMPENSATORY MITIGATION



USDA NRCS CONSERVATION PLANNERS TRAINING WEBINARS



TRIBAL CLEAN WATER ACT



TRIBAL WETLAND PROGRAMS



NAWM BENEFITS of MEMBERSHIP

- Exclusive access to our live Member's Webinar Series and archived library of webinar recordings (8 per year). Topics alternate between science, policy, and legal issues.
- Free Certificates of Attendance for all NAWM live webinars. (Non-members are charged \$25.00 for each Certificate) All Certificates must be claimed no later than 60 days from the live presentation..
- Access to NAWM Online Training Library with the opportunity to earn free Certificates of Completion
- Free subscription to the NAWM's bi-monthly membership newsletter, *Wetland News*
- Free subscription to the NAWM's weekly news bulletin, *Insider's Edition*
- Reduced rates for participation in NAWM workshops and training sessions
- Access to a national network of wetland professionals
- Opportunities for involvement in NAWM committees
- Voting rights in elections of the Board of Directors and all issues presented to members to vote
- Access to a robust online collection of wetland references
- Discount from other organizations for wetland trainings and courses
- A sense of pride knowing that you have directly supported active wetland conservation efforts nationwide
- Groups of 10 or more – include your linked logo on the homepage of the NAWM website
- Access to a Members-only Federal Policy Tracker Tool
- **New** – Calendar of Events listing

<https://www.nawm.org/join-nawm>



NAWM RESOURCES

Access
Information about
NAWM Webinars
and More

www.nawm.org

The screenshot shows the homepage of the National Association of Wetland Managers. At the top left is the NAWM logo, a green frog inside a circular emblem with the text "NATIONAL ASSOCIATION OF WETLAND MANAGERS". To the right of the logo is the text "National Association of Wetland Managers" and "Protecting the Nation's Wetlands". Further right are two buttons: "Become a Member" and "Member Portal". Below the header is a navigation menu with items: "NAWM", "Webinars & Trainings", "Publications", "Science", "Wetland Programs", "Law & Policy", "Jobs Board", and "DONATE". A search bar is located on the right side of the navigation menu. The main content area features a large banner image of a lake with mountains in the background. The banner text reads "NAWM Policy Documents" with a "Learn More" button. Below the banner is a paragraph of text: "The mission of NAWM is to build capacity for state and tribal members and foster collaboration among the wetland community of practice by encouraging the application of sound science to wetland management and policy, promoting the protection and restoration of wetlands and related aquatic resources, and providing training and education for members and the general public." Below this text are three smaller images: "BECOME A MEMBER" (with a frog), "CHANGING THE NARRATIVE" (with two people in a field), and "DONATE" (with a frog). A red "DONATE" button is visible on the left side of the page. At the bottom of the main content area is a large image of a wetland with the text "Learn about Wetland Programs".



NAWM 2025 Annual State/Tribal/Federal Coordination Meeting

April 7-11, 2025
Skamania Lodge, Stevenson, WA



Save the Date!



NAWM's 2026 Annual Meeting

April 27 – May 1, 2026

**National Conservation Training Center,
Shepherdstown, WV**



NAWM Meetings and Trainings

- State and Tribal Wetland Meetings and Trainings
 - Regional Wetland Meetings/Trainings
 - Region 5 Tribal Wetlands Working Group
 - Tribal Clean Water Act Trainings



2024 MAWWG-NEBAWWG Joint Meeting



Region 5 Tribal Wetlands Working Group
Michigan Plant ID Training

Southwest Tribal Clean Water Act Training

March 4-7, 2024

Isleta Resort & Casino

Albuquerque, NM



Southwest Tribal Clean Water Act Training

March 4-7, 2024

Isleta Resort & Casino

Albuquerque, NM



- 92 Tribal attendees representing 58 Tribal Communities
- 23 staff and trainers
- 3 full day of sessions, 4 field trip options on Day 4

Pacific Northwest Tribal Clean Water Act Training

November 17-20, 2025

Tulalip Resort Casino

Tulalip, WA

Registration is Now Open!

More information at

<https://nawm.org/trainings/pacific-northwest-tribal-clean-water-act-training>

Integrated Watershed Management Workshops



Partnership between the National Association of Wetland Managers and the Association of State Floodplain Managers

6-Year EPA Funded Grant

5 Regional In-Person Workshops

- Inviting state and municipal clean water and hazard mitigation professionals

10 Open Access Webinars

Final Report and Story Map



Workshop Cohorts

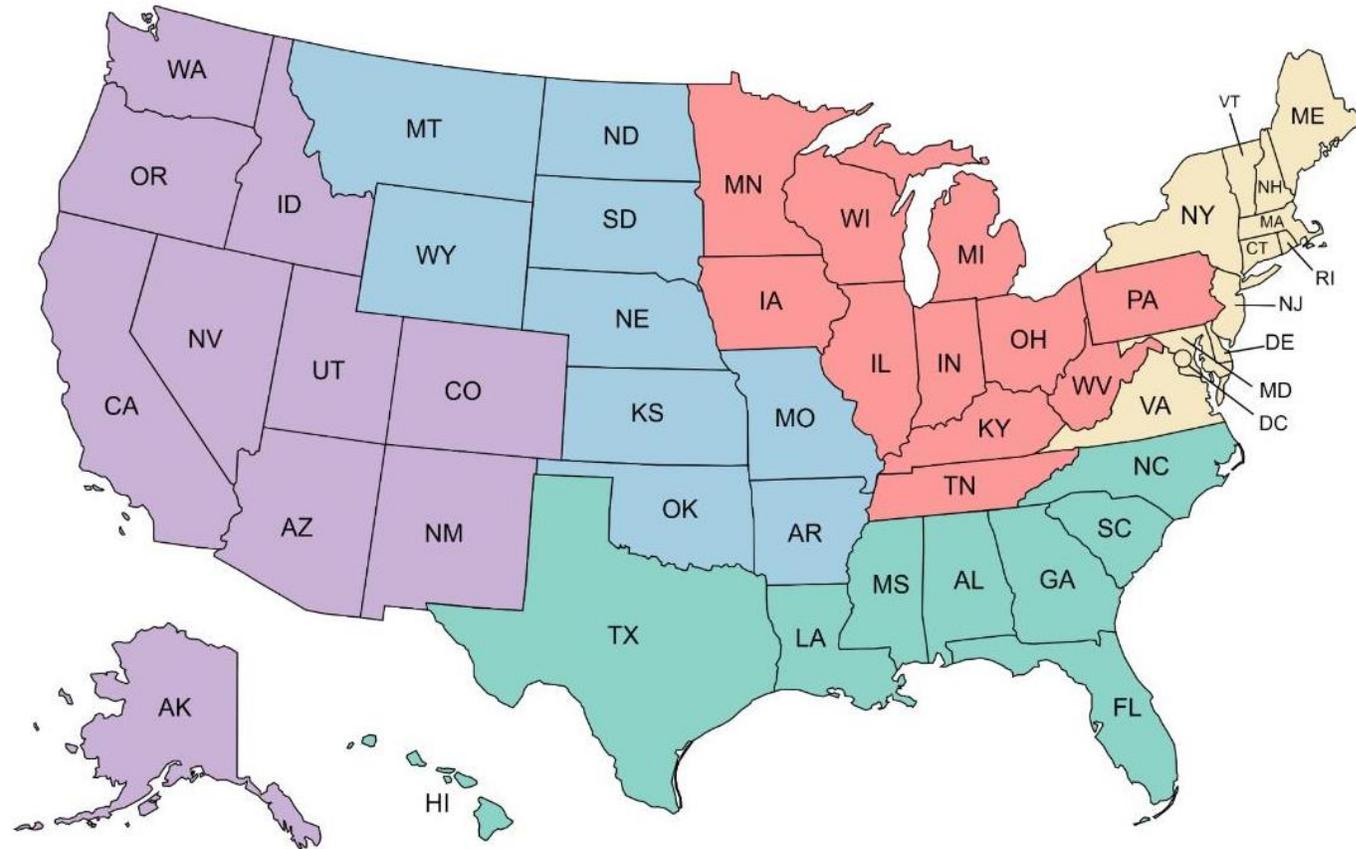
2023: Great Lakes/Midwest (Orange)

2024: Southeast (Green)
(Postponed to January 2026)

2025: West (Purple)

2026: Northeast (Green)

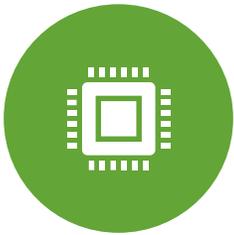
2027: Great Plains (Blue)





Three Days of Sessions, Collaborative Activities, and a Field Visit

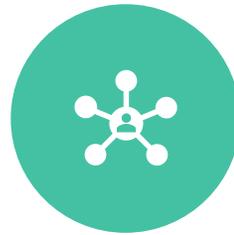
Cohort Calls to Monitor Long-Term Outcomes



LOUISVILLE, KY:
INCORPORATED GREEN
INFRASTRUCTURE INTO GRANT
APPLICATIONS



DUBUQUE, IA: BROUGHT IN
NEW STAKEHOLDERS FOR
UPDATES TO CITY AND
COUNTY HMPS



HAMILTON COUNTY, IN:
BUILDING NEW NETWORKS
AND COMMUNICATION
CHANNELS BETWEEN STATE
SPECIAL DISTRICTS

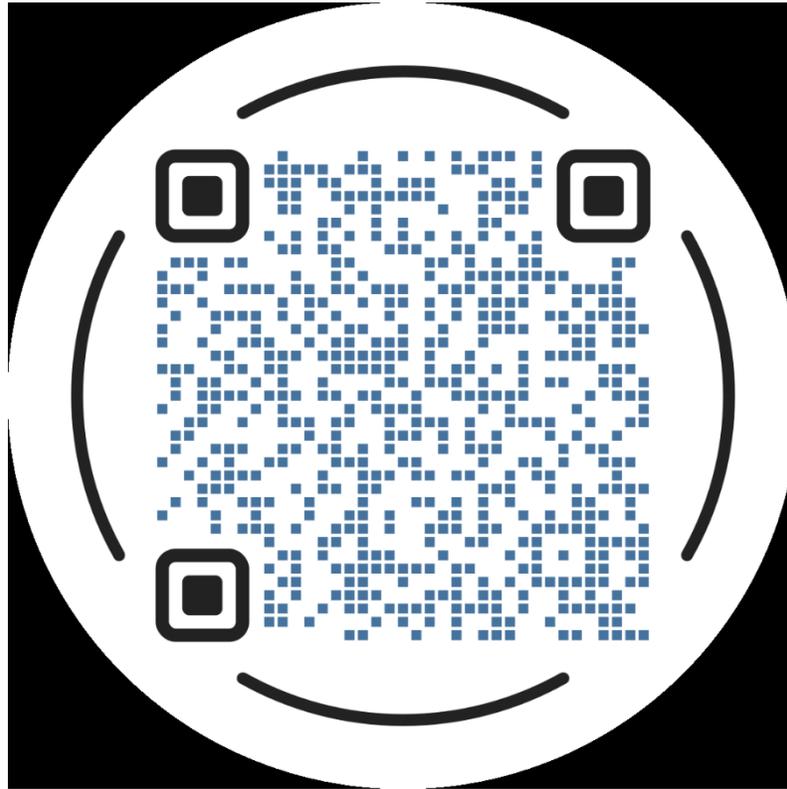


OHIO: INTEGRATING AGENCIES
INTO STATE HAZARD
MITIGATION TEAM AND
INCORPORATING NBS INTO
STATE HAZARD MITIGATION
AND NPS MANAGEMENT
PLANS



IOWA: EMERGENCY
MANAGEMENT BUILDING NEW
PARTNERSHIPS WITH STATE
AGRICULTURE AND WATER
AGENCIES TO ALIGN HAZARD
MITIGATION WITH NUTRIENT
REDUCTION

Community Nominations for Workshop



Recent and Ongoing NAWM Projects

- Tribal Wetland Program Capacity Building
- Beaver-Related Restoration Webinar Series and Resource Guide
- Delaware Freshwater Wetlands Program Support
- Updating and Expanding Previous NAWM Resources:
 - Wetland Program Plan Handbook
 - State Wetland Program Summaries
- Toolkit for Local Government Wetland Protections
- Changing the Narrative campaign

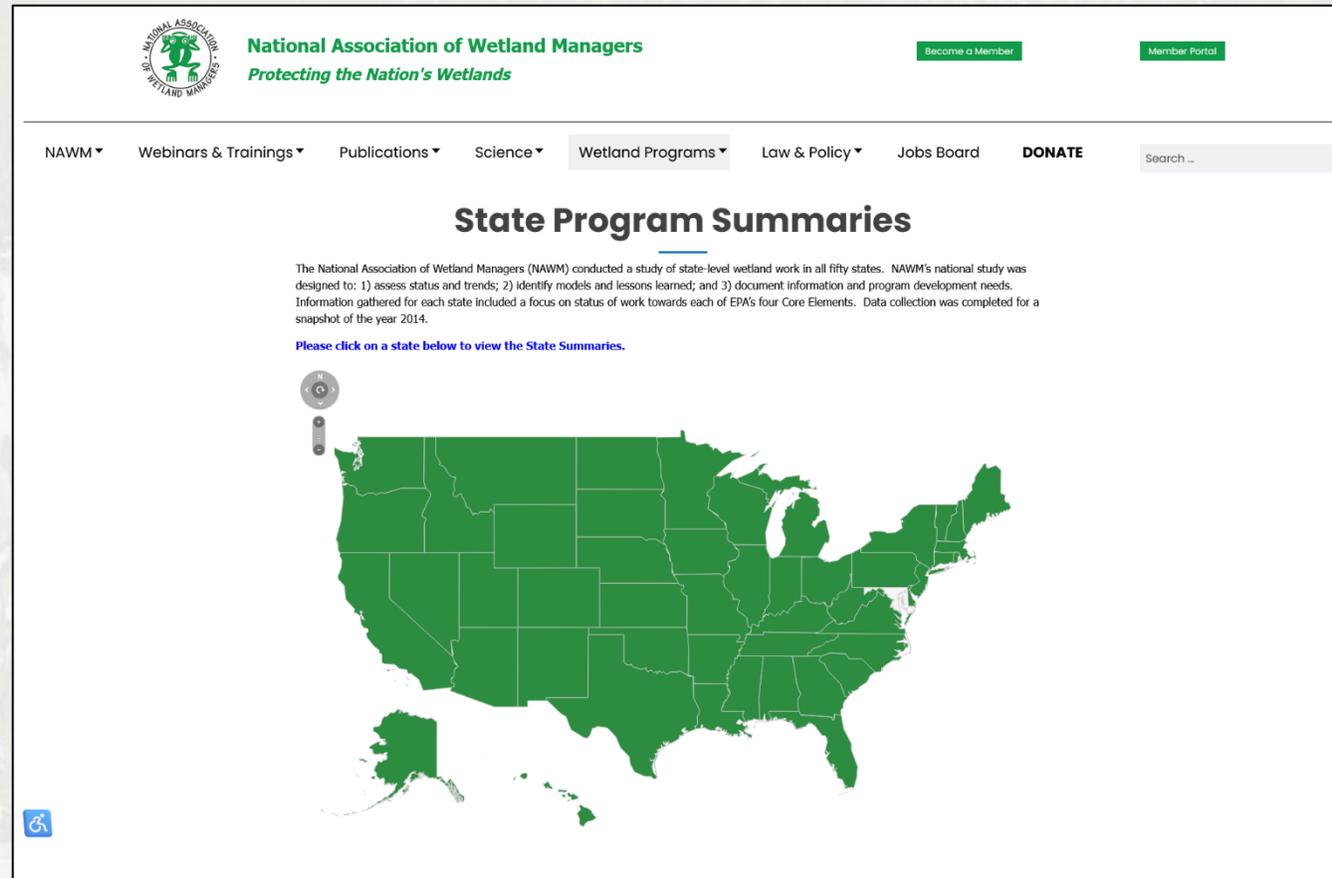


Updating the 2013 Wetland Program Plan Handbook

74 Wetland Program Plans have been developed or updated since 2013



State Wetland Program Summaries



The screenshot displays the website for the National Association of Wetland Managers (NAWM). At the top left is the NAWM logo, a circular emblem with a frog in the center and the text "NATIONAL ASSOCIATION OF WETLAND MANAGERS" around the perimeter. To the right of the logo is the text "National Association of Wetland Managers" and "Protecting the Nation's Wetlands". Further right are two buttons: "Become a Member" and "Member Portal". Below this is a navigation menu with items: "NAWM", "Webinars & Trainings", "Publications", "Science", "Wetland Programs" (highlighted), "Law & Policy", "Jobs Board", and "DONATE". A search bar is located to the right of the menu. The main heading is "State Program Summaries". Below the heading is a paragraph of text: "The National Association of Wetland Managers (NAWM) conducted a study of state-level wetland work in all fifty states. NAWM's national study was designed to: 1) assess status and trends; 2) identify models and lessons learned; and 3) document information and program development needs. Information gathered for each state included a focus on status of work towards each of EPA's four Core Elements. Data collection was completed for a snapshot of the year 2014." Below the text is a link: "Please click on a state below to view the State Summaries." Underneath the link is a map of the United States with all states highlighted in green. A small blue accessibility icon is visible in the bottom left corner of the screenshot.

Available at <https://nawm.org/wetland-programs/state-wetland-programs/state-program-summaries.html>



State Wetland Program Summaries

2015

Oregon State Wetland Program Summary



Photo Title: Wood River Wetland; Photo Credit: Kurt Carpenter, USGS

Click Here to Skip to
Oregon's Information about Wetland:
[Regulation](#)
[Monitoring & Assessment](#)
[Water Quality Standards](#)
[Voluntary Restoration](#)
[Education and Outreach](#)
[Integration with Other Programs](#)

Section A. Quick View

Description of State's Wetlands

Oregon has mostly wet meadows and wet prairies, as well as a lot of seasonal wetlands. The state's diverse wetlands can be classified into 15 generalized types, including alkaline wetlands, aquatic beds, fens, forested wetlands, freshwater marshes, freshwater tidal wetlands, salt marshes and brackish marshes, serpentine fens, shrub swamps and shrub riparian, snowbed depressions, spay zones, springs, vernal pools, wet meadows and wet prairies. A large percentage of these areas are in agricultural production.

State Definition of Wetlands

Oregon uses a state definition identical to the federal definition of wetlands (ORS.196.800(16)).

Historic Wetland Loss/Gain

Original Wetland Acreage	Remaining Wetland Acreage	Acreage Lost	% Lost
2,262,000	1,393,900	868,100	38%

Source: US Fish and Wildlife Service (Dahl, 1989)

Many updates since 2015!

- No longer pursuing assumption of CWA 404 program
- Developed a Stream Function Assessment Protocol
- Refinement of Oregon Rapid Wetland Assessment protocol
- Built up mitigation program, including refining Aquatic Resources Mitigation Framework
- Updated and enhanced map viewers and online tools

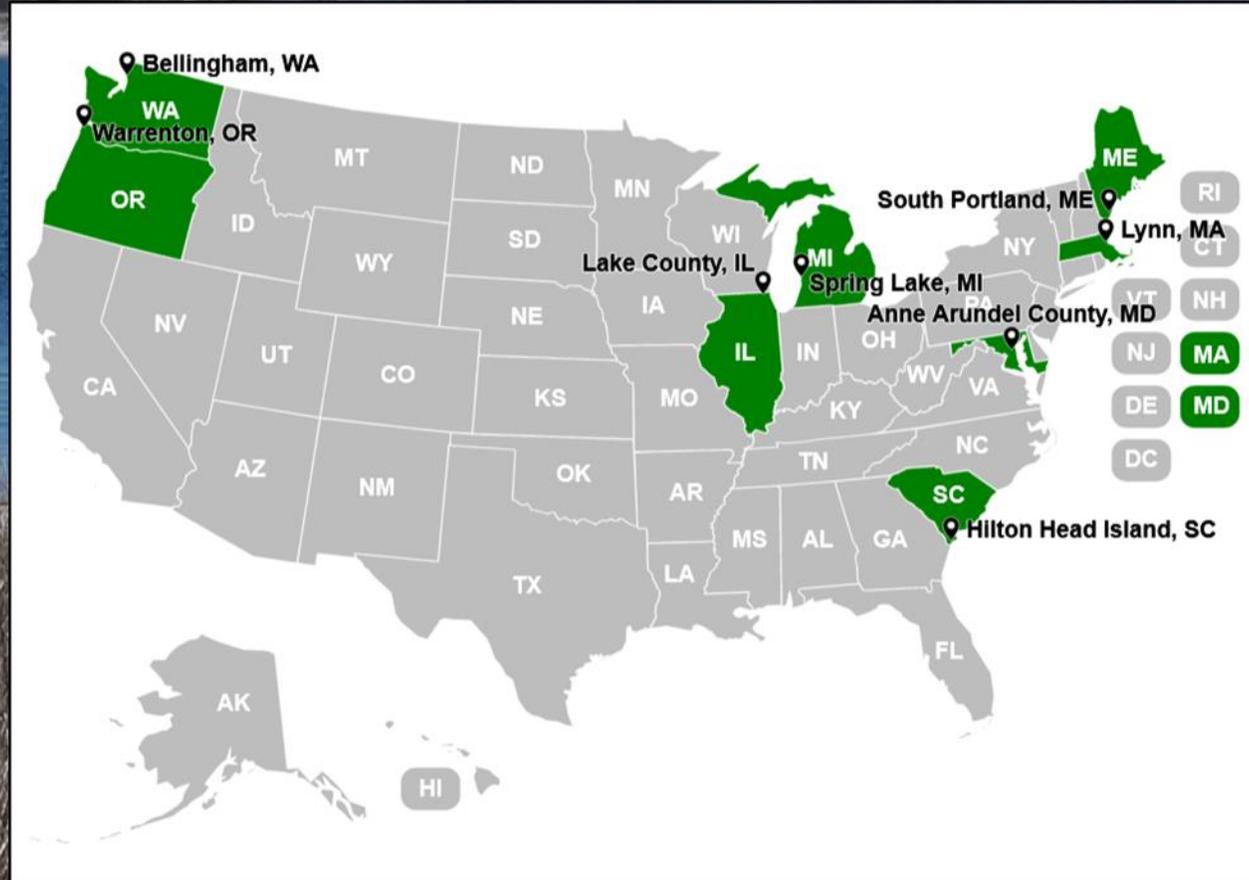


Coming soon...

- Updated **50 State Wetland Program Summaries**
- New **Status and Trends of State Wetland Programs Report** including a comparative analysis of how state programs have changed since 2014



Protecting Coastal Wetlands at the Local Level



Lessons Learned from Local Governments



Utilize existing resources for developing and implementing local wetland protections



Wetland protections should be enforceable but also flexible in how they are implemented



Keep ordinance language clear and straightforward



Community engagement is key to the success of local wetland protections



Staff training is crucial to ensure efficiency and consistency in permit reviews



Climate change is not yet considered in many local wetland protections



Where do we go next?

- Developing a ***Coastal Wetland Protection and Restoration Toolkit for Local Governments***



Coastal Wetland Protection and Restoration Toolkit for Local Governments

- Toolkit will include:
 - Best practices and novel approaches to wetland protections at the local level
 - Useful existing resources and tools, funding options, and avenues for obtaining technical assistance
 - Guidance for local governments to set goals and identify applicable best practices based on their interests, geography, and current issues
- Working with an Advisory Committee to ensure the toolkit is comprehensive and useful to local governments
- Target release date is fall 2025
- ***Do you have ideas for this toolkit? Let's talk!***

Wetlands: Changing the Narrative Campaign

A multi-year, multi-media campaign to share stories about why wetlands are important through the voices of everyday Americans.

In Wetlands: Changing the Narrative, we're going to shine a light on the people who are reshaping our relationship with the natural world. Hunters, anglers, ranchers, and small family farmers all depend on healthy wetlands for their way of life. We'll discover seemingly ordinary people making extraordinary impacts on their local wetlands through a mix of landowner stewardship, science, engineering, and sheer determination.



Project Trailer



A man with short, light-colored hair is walking towards the camera in a grassy field. He is wearing a camouflage-patterned jacket over a blue collared shirt and light blue jeans. A black dog is partially visible in the bottom left corner, looking towards the man. The background features a fence, several bare trees, and a white building in the distance under a clear sky.

Terry Hamby
LANDOWNER



Zac Fox

Co-founder, 2010-2014, 2015-present



John McEwen

REAL ESTATE PROFESSIONAL

A woman with long dark hair, wearing a dark blue jacket over a green shirt, stands in a wooded area. She is gesturing with her hands as if speaking. To her left is a white marker post. The ground is covered in fallen leaves, and the background shows a dense forest of trees with some autumn-colored foliage.

Kristen Cecala
WETLAND BIOLOGIST

Keep up with Policy Changes

If you work for a state agency or a Tribe or are a Tribal member and would like to receive NAWM's monthly note to States and Tribes, send an email to laura@nawm.org to subscribe.





MENTORSHIP ASSISTED RESOURCE & SUPPORT HUB

A Joint Initiative Offered By



Thank You!

National Association of Wetland Managers
207-892-3399
<https://www.nawm.org>

