



National Association of Wetland Managers

# Overview of NAWM Trainings and Projects

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PORTIA OSBORNE & IAN GROSFELT, NAWM

JUNE 17, 2025



# National Association of Wetland Managers

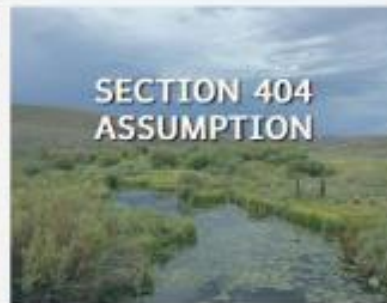


The mission of NAWM is to build capacity for state and Tribal members and foster collaboration among the wetland community of practice by encouraging the application of sound science to wetland management and policy, promoting the protection and restoration of wetlands and related aquatic resources,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



# NAWM WEBINARS

(by webinar series)



# Wetlands One-Stop Mapping

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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





# 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

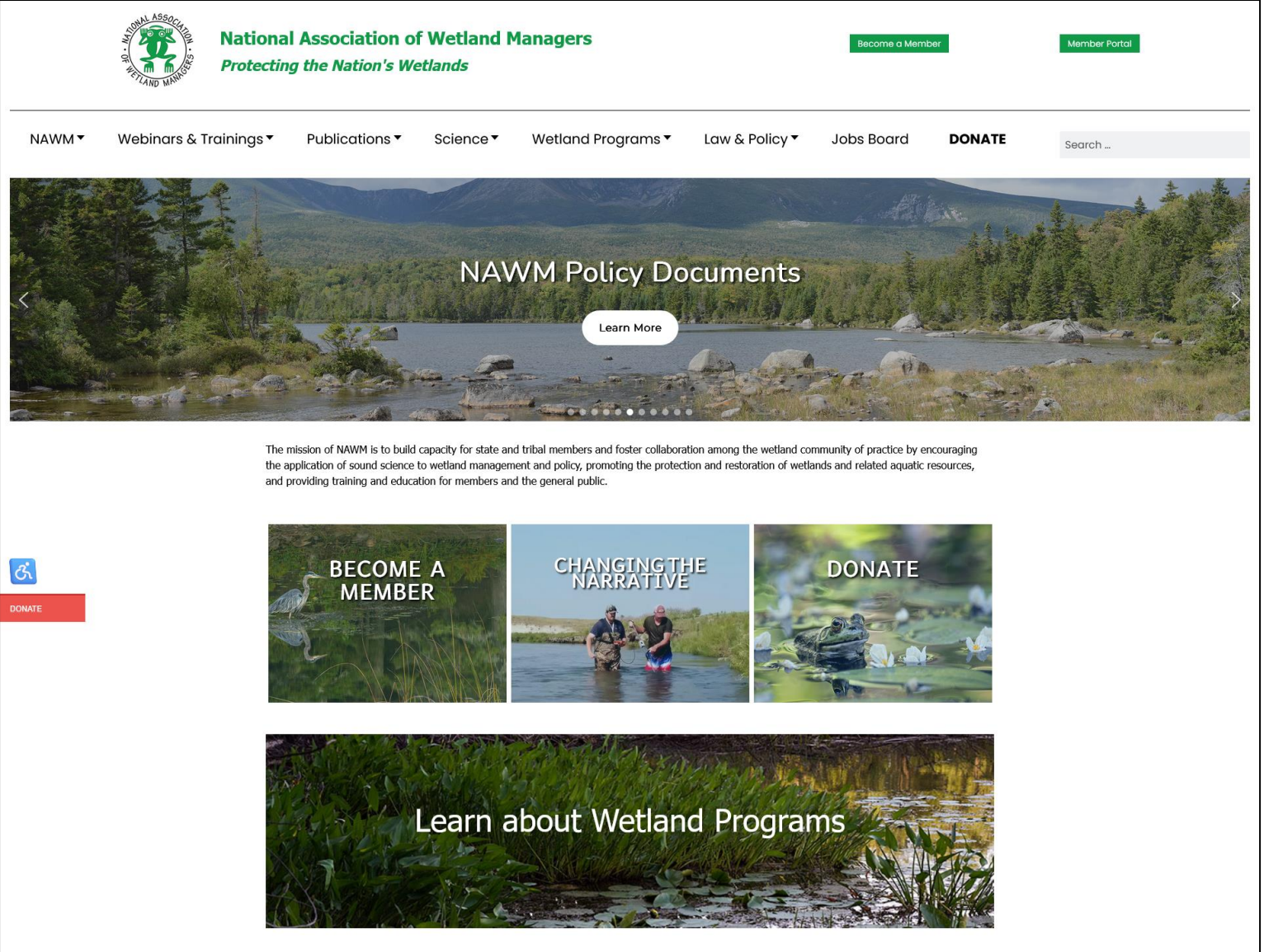
<https://www.nawm.org/join-nawm>



# NAWM RESOURCES

Access  
Information about  
NAWM Webinars  
and More

[www.nawm.org](http://www.nawm.org)



The screenshot shows the NAWM website homepage. At the top is the NAWM logo, which features a green frog and 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 green buttons: "Become a Member" and "Member Portal". Below the header is a navigation bar with links: "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 bar. The main content area features a large banner image of a wetland landscape with the text "NAWM Policy Documents" and a "Learn More" button. Below the banner is a paragraph describing the mission of NAWM. To the left of the main content area is a sidebar with a blue accessibility icon and a red "DONATE" button. Below the banner are three smaller images: "BECOME A MEMBER" (showing a heron), "CHANGING THE NARRATIVE" (showing two people in a wetland), and "DONATE" (showing a frog). At the bottom is a large image of a wetland with the text "Learn about Wetland Programs".

**National Association of Wetland Managers**  
*Protecting the Nation's Wetlands*

[Become a Member](#) [Member Portal](#)

[NAWM](#) [Webinars & Trainings](#) [Publications](#) [Science](#) [Wetland Programs](#) [Law & Policy](#) [Jobs Board](#) [DONATE](#)

## NAWM Policy Documents

[Learn More](#)

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.

[DONATE](#)

[BECOME A MEMBER](#) [CHANGING THE NARRATIVE](#) [DONATE](#)

## Learn about Wetland Programs







# 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





# Southwest Tribal Clean Water Act Training

## March 4-7, 2024

### Isleta Resort & Casino

### Albuquerque, NM



Saint Mary's  
University  
of MINNESOTA





# 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>



**Saint Mary's  
University**  
of MINNESOTA





# Integrated Watershed Management Workshops

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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)

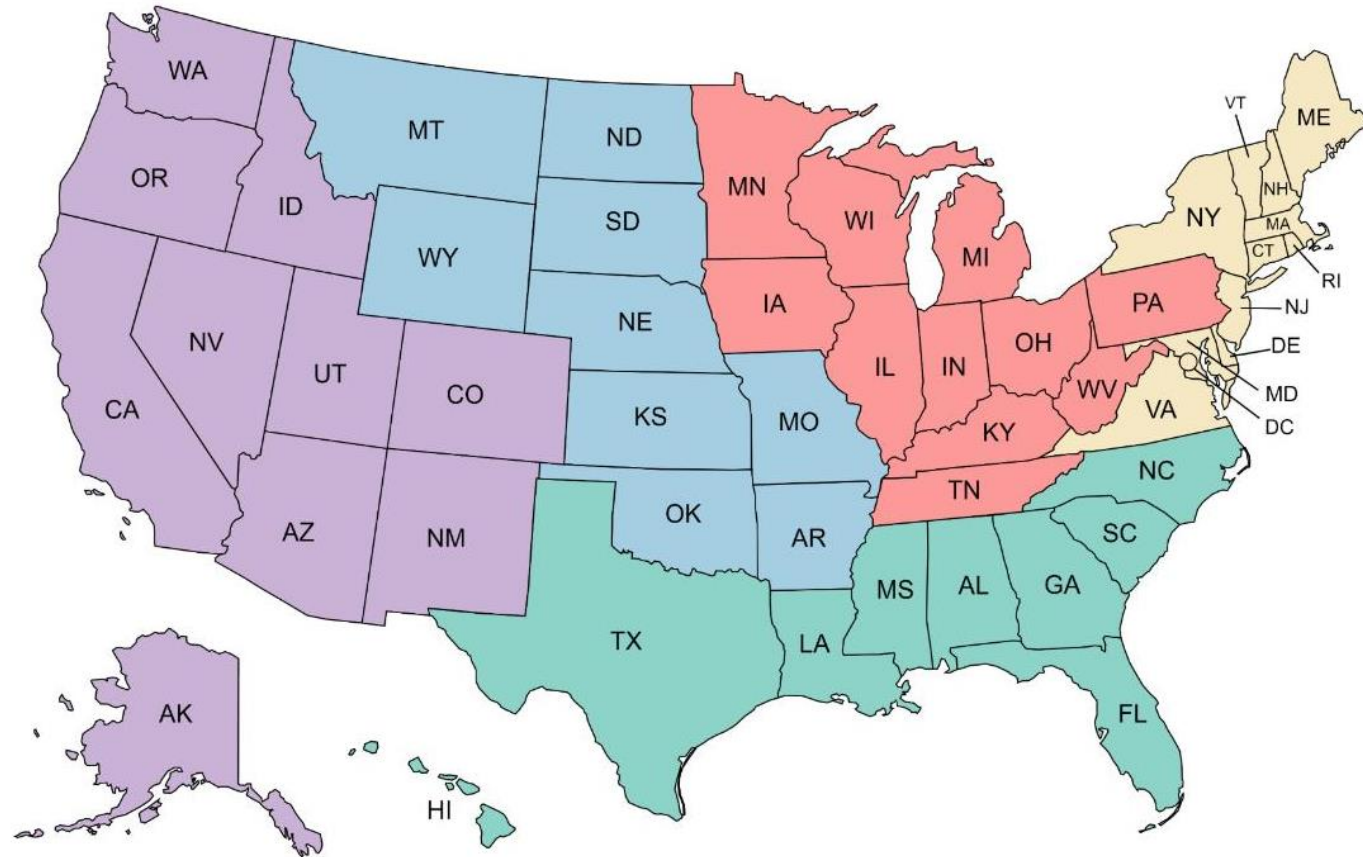
**2024:** Southeast (Green)

(Postponed to January 2026)

**2025:** West (Purple)

**2026:** Northeast (Green)

**2027:** Great Plains (Blue)





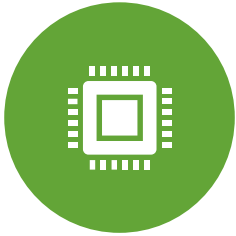


## Three Days of Sessions, Collaborative Activities, and a Field Visit



# Cohort Calls to Monitor Long-Term Outcomes

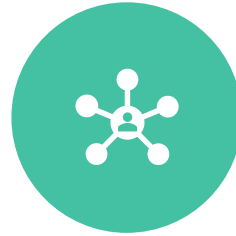
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LOUISVILLE, KY:  
INCORPORATED GREEN  
INFRASTRUCTURE INTO GRANT  
APPLICATIONS



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

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# Recent and Ongoing NAWM Projects

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- 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



**National Association of Wetland Managers**  
*Protecting the Nation's Wetlands*

Become a MemberMember Portal

NAWM ▾Webinars & Trainings ▾Publications ▾Science ▾Wetland Programs ▾Law & Policy ▾Jobs BoardDONATESearch ...

## State Program Summaries

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.

Please click on a state below to view the State Summaries.



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






# State Wetland Program Summaries

2015

Oregon State Wetland Program Summary



[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](#)

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

**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



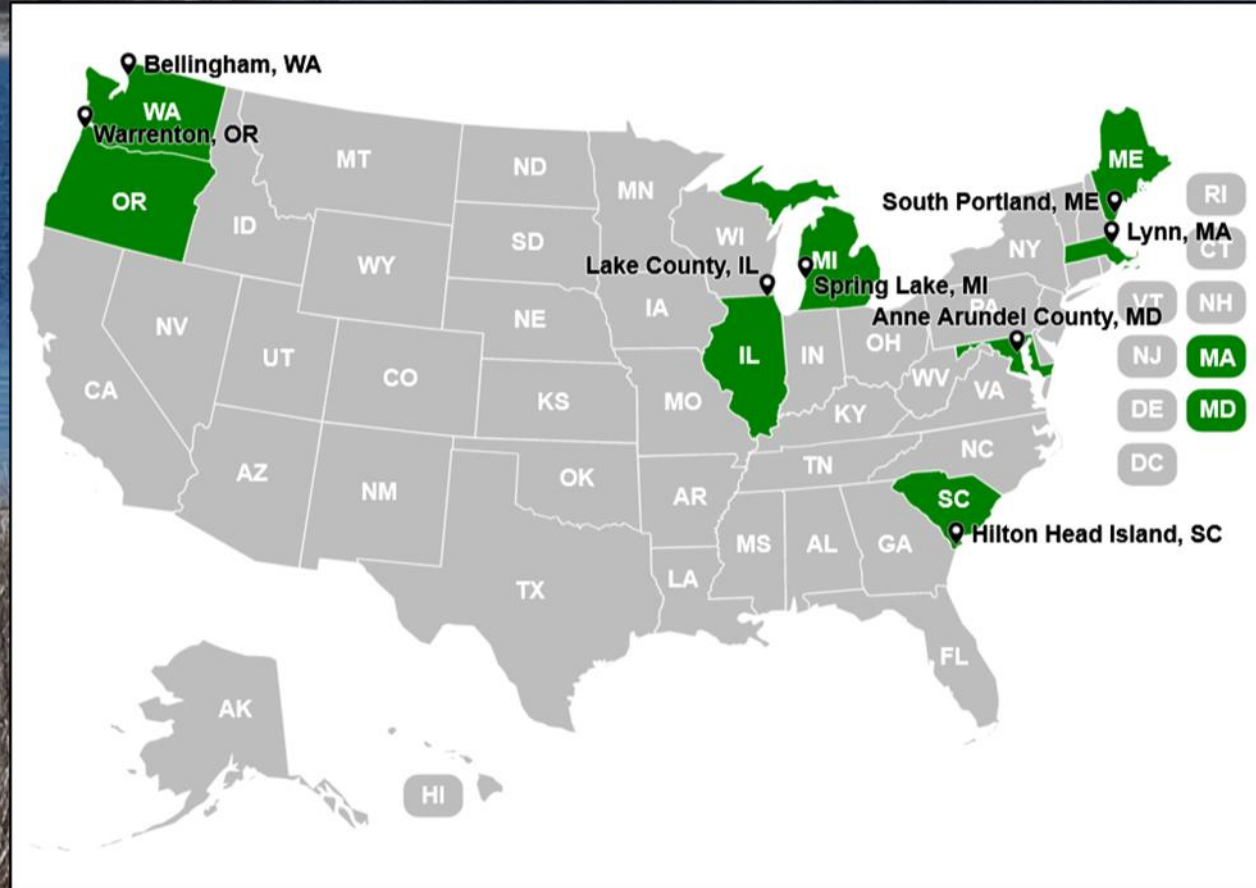
# Coming soon...

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- 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?

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





## *Coastal Wetland Protection and Restoration Toolkit for Local Governments*

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- 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 grey hair, wearing a camouflage jacket and blue jeans, is walking a black dog in a grassy field. The dog is in the foreground, looking towards the right. The man is walking towards the camera. In the background, there are trees and a white building.

Terry Hamby  
LANDOWNER



**Zoe Fox**

Control & Safety Systems Department






**John McEwen**

REAL ESTATE PROFESSIONAL



A woman with long brown hair, wearing a dark blue jacket over a green shirt, stands in a forest with fallen leaves on the ground. She is gesturing with her hands as if speaking. A white vertical pole is visible behind her to the left.

**Kristen Cecala**  
WETLAND BIOLOGIST



# Keep up with Policy Changes

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**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](mailto:laura@nawm.org) to subscribe.**



## MENTORSHIP ASSISTED RESOURCE & SUPPORT HUB

**A Joint Initiative Offered By**





# Thank You!

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

