



# Wetland News Digest

## Editor's Note

The November election cycle is now over (although in some races we will be waiting a bit longer to know the results) – and I for one, am grateful that the unceasing wave of political ads and yard signs have come to a halt. Now we can focus our attention back on all the critical policy issues ahead of us and how we may need to navigate any changes in Congress to support our work.

In [Editor's Choice](#), I have included some hot topic new stories, such as the lawsuit filed against EPA for lack of enforcement against Clean Water Act violations by concentrated animal feeding operations. As we all prepare for our holiday feasts, I challenge everyone to find out where and how their meat is raised. Our consumption choices can have significant impacts on clean water.

NAWM has also been celebrating Native American Heritage Month this November, so you'll find information regarding our tribal wetland program [webinar series](#) that has picked up again. And in this edition of *Wetland News Digest*, NAWM staff have dedicated our entire section on [Resources & Publications](#) to funding opportunities – as folks work hard to develop balanced budgets for 2023, finding new sources of funding to support critical projects can be challenging. So, we hope this will be helpful for some of you.

I hope you all have a chance to enjoy a restful and relaxing holiday season with family and friends.

Best regards,

Marla Stelk  
Editor, *Wetland News Digest*  
NAWM

**Happy Thanksgiving**



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Photo Credit: U.S. FWS

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# Editor's Choice

**SAVE THE  
DATE!**

**National  
Association  
of Wetland  
Managers**

**Annual State/  
Tribal /Federal  
Coordination  
Meeting**

**May 1-5, 2023**

**Arbor Day Farm  
Lied Lodge**

**An Arbor Day  
Foundation  
Property**

Nebraska City, NE

*More information  
coming soon.*



## **EPA sued over lack of plan to regulate water pollution from factory farms**

By Matt Krupnick – The Guardian – October 19, 2022

Dozens of advocacy groups have filed a lawsuit against the Environmental Protection Agency (EPA), claiming the federal department has failed to come up with a plan to regulate water pollution from factory farms. The suit claims the agency has yet to respond to a 2017 legal petition from more than 30 environmental groups demanding that the EPA tighten its Clean Water Act enforcement for factory farms, also known as concentrated animal feeding operations (Cafos), where thousands of animals are sometimes confined. [Read more.](#)

## **Analysis: World has 9 years to avoid critical climate change threshold**

By Zack Budryk – The Hill – November 11, 2022

The world can afford to emit greenhouse gases for about nine years at current levels to avert crossing the 1.5-degree warming threshold, according to an analysis released Friday. The annual Global Carbon Budget, which analyzes the maximum emissions under which the world can stay on track to avert that point, projected that more than 380 billion tons of carbon dioxide emissions would cross the red line. This is roughly nine years under current emission levels. [Read more.](#)

## **Inside agencies, 'it changes everything' when Congress flips**

By Robin Bravender and Timothy Cama – E&E News Greenwire – November 10, 2022

Inside hulking government buildings in downtown Washington, D.C., President Joe Biden's senior energy and environmental officials have been quietly preparing for political warfare. As the midterm elections approached, the leaders of agencies including the departments of Energy and the Interior, EPA and others braced for a possible GOP takeover of one or both chambers of Congress. [Read more.](#)

## **Racial disparities beset EPA, state wastewater funds**

By Hannah Northey – E&E News Greenwire – October 26, 2022

As the federal government injects a historic amount of money from the bipartisan infrastructure law into the nation's sewage and drinking water systems, research shows the money has not historically reached the underserved rural and minority communities that need it most. A new analysis of EPA's Clean Water State Revolving Fund released today shows communities with fewer people and those with larger communities of color have received less federal assistance for upgrading wastewater treatment plants and stormwater management systems during the past decade. [Read more.](#)

# TRIBAL WETLAND PROGRAMS WEBINARS

## A Path to Successful EPA Grant Applications for Your Tribal Wetland Program

Thursday, December 8, 2022 - 3:00 p.m.-4:30 p.m. EST

### Presenters



**Myra Price**  
U.S. Environmental  
Protection Agency



**Mike Jones**  
Stockbridge-Munsee  
Community



**Rue Hewett Hoover**  
Nez Perce Tribe

[Register](#)

[More Information](#)

## Protecting Waters and Wetlands in Indian Country: An Overview and Case Studies from EPA's New Tribal Wetland Program Guide

Thursday, December 15 - 3:00 p.m.-4:30 p.m. EST

### Presenters



**Kerryann Weaver**  
U.S. Environmental  
Protection Agency,  
Region 5



**Matt Baerwalde**  
Snoqualmie Tribe



**Tyler Orgon**  
Red Lake Band of  
Chippewa Indians



**Linda Storm**  
U.S. Environmental  
Protection Agency,  
Region 10

[Register](#)

[More Information](#)

A Certificate of Attendance to be used toward Continuing Education Credits is available when participating in NAWM's live webinars. All NAWM members receive free Certificates of Attendance for webinars. Non-Members who request a certificate will be charged a processing fee of \$25.00. You will have up to 60 days to retrieve your certificate. Certificates are not available for viewing recorded webinars. [More information can be found here](#). Membership information can be [found here](#).

# National News

## **Biden insists US will meet climate targets at global summit**

By Rachel Frazin – The Hill – November 11, 2022

President Biden insisted Friday the U.S. will deliver on its climate change commitments, addressing an audience at an international climate summit in Egypt that is skeptical of whether the U.S. will actually live up to its promises. “Today, finally, thanks to the actions we’ve taken, I can stand here as president of the United States of America and say with confidence: The United States of America will meet our emissions targets by 2030,” Biden said onstage at the COP27 climate conference in Sharm el-Sheik, Egypt. [Read more.](#)

## **U.S. to provide millions in funding for tidal energy and river current systems**

By Anmar Frangoul – CNBC – October 19, 2022

The U.S. Department of Energy said \$35 million in funding would be made available “to advance tidal and river current energy systems” under plans it hopes will provide a shot in the arm to a sector whose current footprint is tiny. In a statement Tuesday outlining the move, the DOE said the funding opportunity — which is slated for release in 2023 — represented the “largest investment in tidal and river current energy technologies in the United States.” [Read more.](#)

## **Service Awards More Than \$5.9 Million in Tribal Wildlife Grants to Advance Shared Conservation Goals and Support Natural Heritage, Cultural Priorities**

Contact: Marilyn Kitchell – U.S. Fish and Wildlife Service – October 20, 2022

The U.S. Fish and Wildlife Service is awarding more than \$5.9 million to federally recognized Native American and Alaska Native Tribes to benefit fish and wildlife resources and their habitats. The Tribal Wildlife Grants Program helps to fulfill federal trust responsibilities and achieve tribal sovereignty by expanding Tribes’ natural resource capacity. This year’s funding will support 33 Tribes in conservation projects across 16 states, benefiting a wide range of wildlife and habitat, including species of cultural or traditional importance to Indigenous communities. [Read more.](#)

## **U.S. Fish and Wildlife Service Announces More Than \$66.7 Million to States for Collaborative Efforts to Conserve America’s Most Imperiled Species**

Contact: Vanessa Kauffman – U.S. Fish and Wildlife Service – October 19, 2022

The U.S. Fish and Wildlife Service today announced more than \$66.7 million in grants to 16 states and Guam to support land acquisition and conservation planning projects on over 13,500 acres of habitat for 162 listed and at-risk species through the Cooperative Endangered Species Conservation Fund (CESCF). The grants will be matched by more than \$35.1 million in partner funds. [Read more.](#)



## NAWM MEMBERS' WEBINAR RECORDING

### Recent Changes to New York's Freshwater Wetlands Act: Lessons Learned from Turning a Decades Long Dream into a Whole Lot of Work

Held September 28, 2022

**Presenter:**

**Roy (J.R.) Jacobson**

New York Department of Environmental Conservation



If you are not currently a member, [join here](#). Members' please login to your Members' Portal and go to Video Library. Contact Laura at [laura@nawm.org](mailto:laura@nawm.org) or (207) 892-3399, if you need assistance logging in.

## TRIBAL WETLAND PROGRAMS WEBINAR RECORDING

### Getting Started with Tribal Wetland Plans

Held September 29, 2022

**Presenters**



**Yvonne Vallette**  
U.S. Environmental  
Protection Agency,  
Region 10



**Mary Iorio**  
Environmental Division,  
Three Affiliated Tribes



**Tiffany Allgood**  
Environmental  
Programs Office,  
Coeur d'Alene Tribe

**VIEW RECORDING**

# State and Tribal News

## **AZ/Gila River Indian Community: Gila River tribe will take offer to conserve water, but Yuma farmers say it's not enough**

By Brandon Loomis – azcentral – October 18, 2022

The Gila River Indian Community is the first Arizona water rights holder to publicly pursue the federal government's new offer of compensation to leave Colorado River water in Lake Mead. Tribal Gov. Stephen Roe Lewis announced the plan on Monday at a gathering of Sen. Kyrsten Sinema's water advisory council, which is reviewing ways to spend \$4 billion of Inflation Reduction Act funds targeted at Colorado River drought relief, as well as funds approved in an infrastructure funding law. While several participants in Sinema's council praised the community's proposal as a first step toward attracting others to rapidly conserve water, there were signs that getting significant buy-in from other Arizona farmers will be difficult. [Read more.](#)

## **CA: Poseidon, U.S. Fish & Wildlife launch wetlands restoration in South Bay**

By Phil Diehl – The San Diego Union-Tribune – October 21, 2022

Partners in a plan to restore 125 acres of degraded coastal wetlands as a mitigation project for the Carlsbad seawater desalination plant celebrated the start of construction Friday morning in Imperial Beach. The Otay River Estuary Restoration Project in South San Diego Bay is a joint effort by the desalination plant operator Poseidon Resources, the U.S. Fish and Wildlife Service and other agencies to improve the habitat for native fish, plants and birds, particularly migratory shorebirds and other salt marsh-dependent species. [Read more.](#)

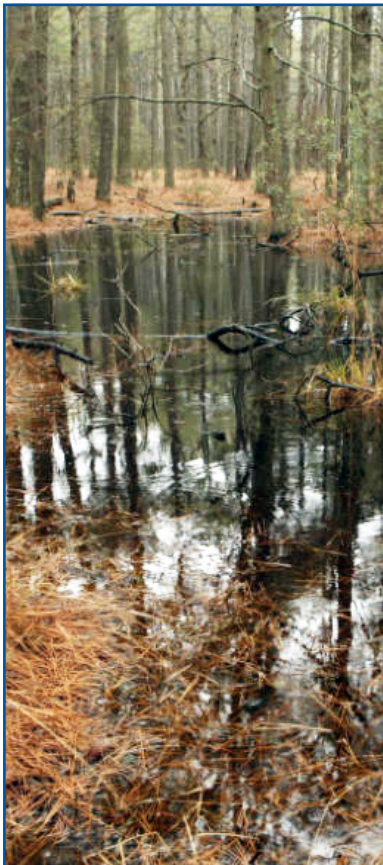


Photo Credit: U.S. FWS

## **CA/Winnemen Wintu Tribe: Blocked for decades, Chinook salmon are once again swimming in Shasta County tribe's ancestral river**

By Wilson Walker – CBS News – October 18, 2022

With a helicopter ride and a trip down Interstate 5, a remarkable effort is underway to save California's endangered salmon. In Shasta County, The California Department of Fish & Wildlife, The US Fish and Wildlife Service, and the Winnemem Wintu Tribe have partnered to try to reintroduce winter run Chinook to the McCloud River. In July and August, hatchery eggs were delivered - one round by helicopter - to the upper McCloud to be raised in river-fed incubators. The Winnemem Wintu have been fighting for the return of the Chinook since their path to and from the Pacific was blocked by the construction of Shasta Dam, 80 years ago.

[Read more.](#)

## **CO: Watershed restoration efforts change 2 years after historic Colorado wildfires**

By Marc Sallinger – 9 News – October 18, 2022

The smoke from the fires is long gone. The lasting impact is now found in the water. Two years after the biggest wildfires in state history burned through Colorado, the work to repair the damage left on the environment is changing. We've been used to seeing helicopters flying over burn scars dropping mulch to help new vegetation grow. Now that's coming to an end. [Read more.](#)

## DE: Flood-mitigating wetland park opens in Wilmington's Southbridge section

By Johnny Perez-Gonzalez – WHYY – October 19, 2022

After more than 15 years of planning, Wilmington's Southbridge neighborhood celebrated the official opening of a \$26 million wetland park. The park is not just a place for relaxation and recreation, but also holds a 20-acre stormwater management facility and restores 14 acres of wetlands. The wetlands area will increase stormwater capacity and reduce tidal flooding that frequently occurs on nearby streets, affecting about 1,000 residents in the south section of the city. [Read more.](#)

## FL: Local waterway cleanup organization set to reach 1 million pounds of collected trash

By Luena Rodriguez-Feo Vileira – WUFT – November 2, 2022

A crushed Pepsi can, damp cigarette butts, a rusted tire wheel buried deep in soggy mulch. They're part of the debris collected after a day's work by Current Problems, an Alachua County-based waterway cleanup organization. By the end of the year, the junk-filled bags Current Problems hauls away at cleanups will reach a milestone: 1 million pounds of total trash collected. [Read more.](#)

## FL: Ten years of work went into creating plan to protect local waterways. Now real work begins.

By Tom McLaughlin – Pensacola News Journal – October 27, 2022

A decade of work put toward establishing the parameters by which an estuary program encompassing watersheds in two states will function was capped off Tuesday when the Pensacola and Perdido Bays Estuary Program governing board voted unanimously to accept a comprehensive management plan of operation. The 208-page "coffee table book"-quality document, will serve as a valuable guideline under which the estuary program will operate for the next the next 10 years, according to Amy Newbold, the Environmental Protection Agency's Gulf of Mexico Division Project Manager. [Read more.](#)

2021 Scholars

2022 Scholars

2023 Scholars

Your donations support the Jon A. Kusler Student Scholarship

GIVING TUESDAY

Giving Tuesday ~ Giving to Jon November 29, 2022

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## **FL: Ducklings Displaced Before Hurricane Ian's Arrival Find New Homes at Corkscrew Swamp Sanctuary**

Corkscrew Swamp Sanctuary – Audubon – November 7, 2022

This weekend Corkscrew Swamp Sanctuary welcomed nine new residents: Black-bellied Whistling Ducklings! The ducklings had been rescued from a parking area near the Fort Myers airport in late September and taken to the Center for Rehabilitation of Wildlife (CROW) on Sanibel Island. Shortly thereafter, as Hurricane Ian approached, they were evacuated to the Conservancy of Southwest Florida's von Arx Wildlife Hospital in Naples. [Read more.](#)

## **IL: Shedd Aquarium, Urban Rivers to bring over 3,000 square feet of floating wetlands to the South Side**

By Jordan Anderson Chicago Tribune – October 29, 2022

Four years ago, the Shedd Aquarium and local nonprofit Urban Rivers wanted to breathe new life into the Chicago River, a long relic of the city's industrial history. The groups installed human-made floating islands filled with lush plants and greenery in the river's North Branch, improving the well-being of local wildlife and Chicagoans alike. The organizations are looking to bring these same benefits to the South Side, with plans to install a new set of floating wetlands totaling over 3,000 square feet in the river adjacent to Canal Origins Park. [Read more.](#)

## **IA: Tomahawk Marsh is returning to its prairie and wetland heritage**

Outdoor News – October 18, 2022

Tomahawk Marsh is undergoing a facelift of sorts. Parts of the 428-acre wildlife area just north of Lake View in central Sac County, has been reshaped to create small seasonal wetlands, and many of the trees have been removed to reclaim the prairie and to emphasize the grassland and wetland ecosystem. "We're working to turn the clock back 100 years, before the tree encroachment started, and expand the usable space for grassland bird species," said Keith Ringler, wildlife technician with the Iowa Department of Natural Resources' Black Hawk Unit. "It will look different this spring when the trees are gone." [Read more.](#)

## **KS: Up to 1 million birds count on Kansas wetlands during migration. Drought has left them high and dry**

Kake ABC – November 4, 2022

Pull off Kansas 156 in Barton County during a wet year, and it might feel like you took a wrong turn into Florida. This part of central Kansas is home to the largest interior wetlands in the country: Cheyenne Bottoms. It can hold nearly 10 billion gallons of water. But after months of intense drought, the amount of water in these wetlands today likely couldn't fill a Dixie cup. [Read more.](#)

## **MI: Bipartisan lawmakers, hunters, fishermen ask for \$30M for wetlands**

By Mike Duffy – WXYZ Detroit – November 3, 2022

A diverse group of Michiganders is asking the state to invest in preservation and expansion of wetlands. The group, made up of concerned citizens and lawmakers on both sides of the aisle, say the destruction of wetlands is affecting business and the quality of life in the state. [Read more.](#)



## SC: Process to install broader wetland protections in Horry Co. begins with new committee

By Andrew James – WPDE – October 24, 2022

This year began with a mandate from those impacted by the previous flooding in Horry County: protect wetlands. Monday, that conversation has shifted to not just advocates talking before the county council, but actual county leaders sitting in a scheduled meeting with information from staff suggesting changes to local law. [Read more.](#)

## TX: Wetland conservation emerges near Wildlife Refuge

By Raven Wuebker – The Facts – October 24, 2022

Conservation Equity Management, an environmental sustainability private equity firm out of Dallas, announced their procurement of the 5,403 acres of Chocolate Bay in September as an effort to conserve and build Texas wetlands. “We are the perfect buyer because my business partner was familiar with the property and process,” said the Founder and CEO of Conservation Equity Management Kyle Bass. “It was something we wanted to engage in because we’re going to build 2,500 acres of coastal wetlands on the upland property. The plan is to convert it into a wetland and permanently conserve it, Bass said. [Read more.](#)

## NAWM Has Fall Learning Options Available

We have three online training modules readily available to you:



The recordings are free to view, anytime/anywhere. There is an option to take a quiz to test your knowledge and earn a Certificate of Completion. NAWM Members may access this free membership benefit by logging on to your [Membership Portal](#). Non-members may also access the quizzes on a fee basis.

Our fourth training series - [USDA-NRCS Conservation Planners Training Webinar](#) - is available to view and build knowledge. The quiz/certificate options for this series will be added at a later date.



**NAWM's Online Trainings**

## NAWM HOT TOPICS WEBINAR

### Celebrating the Clean Water Act 50th Anniversary: Wetland Restoration in our National Parks

Held October 27, 2022

[View Recording](#)

#### Presenters

- Brian Frazer, Acting Director, Office of Wetlands, Oceans, and Watersheds, U.S. Environmental Protection Agency
- Brian Henkel, Wild Acadia Project Coordinator, Friends of Acadia
- Katie VinZant, Restoration Biologist, National Park Service, Biological Resources Division-Landscape Restoration & Adaptation Branch

## NAWM WETLAND MAPPING CONSORTIUM WEBINAR

### NWI Updates: What's New at the National Wetlands Inventory Program

Held November 1, 2022

[Recording Coming Soon](#)

[More Information](#)

#### Presenters

- Jane Harner, U.S. Fish and Wildlife Service National Wetlands Inventory
- Herb Bergquist, U.S. Fish and Wildlife Service National Wetlands Inventory

## NAWM MEMBERS' WEBINAR

### Navigating the Future: Where is the Clean Water Act Heading?

Held Tuesday, November 8, 2022

[Recording Coming Soon](#)

#### Panelists

[Members' Login to your Members' Portal](#)

- Pat Parenteau, Professor of Law Emeritus at Vermont Law and Graduate School
- Julia Anastasio, Executive Director and General Counsel, Association of Clean Water Administrators
- Mark Ryan, Litigator and former EPA Region 10 Attorney
- Donna Downing, Senior Legal Policy Advisor, National Association of Wetland Managers and former EPA Jurisdiction Team Leader

**NAWM**  
**Wishes all our Wetland**  
**Friends and Family a Very**  
**Happy Thanksgiving**



# Join or Renew Your NAWM Membership



The National Association of Wetland Managers has a long history of blazing trails in advocating for sound wetland science and sensible water policy. By joining NAWM, your membership will allow you to enjoy the many exclusive benefits.

*Help Support our Nation's Wetlands*

[Join/Renew](#)

Photo Credit: ncwetlands.org

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[Members' Webinar Series](#)



[NAWM Annual State/Tribal/  
Federal Coordination Meeting](#)

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# Wetland Science News

## Turtles caught in Kalamazoo River oil spill living longer after rehabilitation

By Sheri McWhirter – mlive – November 3, 2022

Long-term survival of turtles covered in oil during the 2010 Kalamazoo River pipeline rupture disaster was proven to be improved by efforts to clean and rehabilitate them. Recently published scientific research showed how time spent by volunteers scrubbing oil from wild turtles with toothbrushes and cotton swabs, using little dabs of Dawn dish soap, increased the survival rates of those slicked with low-grade crude in the Kalamazoo River oil spill catastrophe. Northern map turtles that spent the winter in rehabilitation survived even longer, the study found. [Read more.](#)

## Researchers determine tire particles can impact fresh water

By University of British Columbia – PHYS.org – October 21, 2022

Ever wonder what happens to the rubber tread that wears off a vehicle's tires? modeling by UBC Okanagan researchers suggests an increasing amount of microplastics—fragments from tires and roadways—are ending up in lakes and streams. [Read more.](#) [Read report.](#)

## Hurricane Ian left fingerprints on Everglades, but wasn't a mangroves killer like Irma

By Alex Harris – Miami Herald WUSF News – October 16, 2022

From the air, the fingerprints of Hurricane Ian's journey through the Everglades are easy to see: swaths of beach washed away on Cape Sable, a plume of coffee-colored water leaking into the teal of Florida Bay and a stray sailboat shoved violently ashore, taking down 10 feet of mangroves on the way. Ian's Category 4 winds and record-breaking storm surge caused much misery in Southwest Florida, along with a death toll that passed 100 and continues to climb, but an initial visual survey of the southern Everglades, Florida Bay and Cape Sable revealed an ecosystem left largely intact. [Read more.](#)

## Gripped by drought, drenched by rain, Mississippi River basin sees climate extremes

By Connor Giffin – Louisville Courier – The Gazette – October 20, 2022

The Heartlands are parched. States across the Mississippi River basin are experiencing drought more commonly found in the arid Southwest, federal data show. Little relief has come in recent weeks, and future forecasts of rain are looking sparse. All of Iowa is in at least an abnormally dry condition, with a chunk of the state's northwest experiencing an extreme drought, according to the latest Iowa Drought Monitor. The dryness has disrupted agriculture, beached barges and upset ecosystems across large swaths of the Midwest, Great Plains and beyond, in epic proportions. [Read more.](#)



Photo Credit: ncwetlands.org

# NAWM Jobs Board

## **Environmental Scientist**

State Water Resources Control Board  
Sacramento, CA; Apply by November 23, 2022

## **Assistant/Associate Professor Indigenous Environmental Science Faculty Cluster**

State University of New York College of Environmental Science and Forestry  
Syracuse, NY; Open Until Filled

## **Plant Ecologist**

Oklahoma State University  
Stillwater, OK; Apply by November 23, 2022

[Visit the NAWM Jobs Board](#)

# Visit the NAWM Website

## **About NAWM**

**Webinars**

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**Science**

**Wetland Programs**

**Law & Policy**

## *Follow NAWM*



# Wetland Photos

**We are always looking for new wetland photos. If you'd like to share your wetland views in our publications and social streams, submit your photo(s) here.**



# Resources and Publications

## Funding Opportunities

[ERDC Broad Agency Announcement - Various Research and Development Topic Areas](#)

U.S. Army Corps of Engineers Research and Development Center; Apply by February 28, 2023; Search: W912HZ22BAA01

## Chesapeake Bay Trust

- [Environmental Education Grant Program](#)  
Apply by December 1, 2022
- [Prince George's County Stormwater Stewardship Grant Program](#)  
Apply by January 3, 2023
- [Nontidal Wetlands Awards Program](#)  
Apply by January 10, 2023
- [Youth Environmental Education Grant Program](#)  
Apply by January 13, 2023
- [Pooled Monitoring Initiative's Restoration Research Award Program](#)  
Apply by January 26, 2023
- [Anne Arundel County Watershed Restoration](#)  
Apply by February 28, 2023

## U.S. Fish and Wildlife Service

- [Great Lakes Fish and Wildlife Restoration Act FY 2023](#)  
Apply by January 5, 2023
- [Aquatic Invasive Species Interjurisdictional Grants to the Great Lakes States and Tribes - Fiscal Year 2022 Great Lakes Restoration Initiative](#)  
Apply by December 31, 2022

## Travel Grant

[The Wetland Foundation Travel Grant](#)

Apply by December 18, 2022

Photo Credit: Laura Burchill, NAWM

# Potpourri

## **Under the waters of Marsh Lake, a rebound**

By Tom Cherveney – Northland Outdoors – September 23, 2022

The benefits of the \$13 million project to restore Marsh Lake were plain to see last fall. Rafts of ducks bobbed on its waters in numbers that have not been seen for decades. But, Chris Domeier, fisheries supervisor with the Minnesota Department of Natural Resources, was just as interested in what could not be seen: The population of game fish lurking under its wind-chopped surface.

[Read more.](#)

## **Saltwater lagoon granted legal personhood**

By Joseph Winters – Grist – October 20, 2022

Mar Menor, a protected saltwater lagoon in the southeast of Spain, is now entitled to “exist as an ecosystem and evolve naturally,” according to an official government bulletin published earlier this month. The rights extend to “all the natural characteristics of the water, the communities of organisms, the soil,” and any terrestrial or aquatic “subsystems” that make up the Mar Menor.

[Read more.](#)

## **Freshwater Creek: From children’s playground to stormwater drain**

By John Morcombe – The Daily Telegraph – October 21, 2022

It’s the creek that gave a suburb its name but these days Freshwater Creek passes through concrete pipes before emptying on to the northern end of Freshwater Beach. It’s the story of many creeks in urban areas – what started as a pristine flow of water was degraded by pollution and urban run-off until it was hidden from view by being buried underground. A creek was turned into a drain. [Read more.](#)

## **British Columbia Canada: Town of Creston restores reservoir, opens new community wetland**

By Kelsey Yates – Nelson Star – October 25, 2022

With restoration of a former reservoir now complete, the Town of Creston has opened the new wetlands. On Oct. 18, town staff and members of the public attended the grand opening of the Dwight and Rosamund Moore Community Wetland, located at 230 24 Ave. North. The area has been transformed from a relatively featureless grass depression into a diverse wetland habitat with three shallow ponds. [Read more.](#)

## **‘Swamp as sacred space’: Save wetlands to save ourselves, say experts**

By Moira Donovan – CBC – October 17, 2022

On a muggy July day, on a stretch of grass beside a strip of highway under construction, a small team of workers is digging up a hidden world. This innocuous field just outside Windsor, Nova Scotia, is a saltmarsh: a wetland ecosystem that sequesters carbon, protects against storm surge, and supports a wealth of biodiversity. “[Marshes] are what connects the land to the sea,” said Tony Bowron, a coastal wetland ecologist and co-founder of the Transcoastal Adaptations group. “The plants that we find in the salt marshes, we don’t find anywhere else in the system. There’s birds that nest only in salt marshes, there’s fish that only breed in salt marshes.” But like wetlands the world over, this ecosystem is under threat. [Read more.](#)



# Calendar of Events

## WEBINARS

### November

November 29, 2022  
11:30 a.m. EST

Environment and Climate Change Canada Webinar: [Let's Talk Lake Huron - Nutrients and Algal Blooms on Lake Huron](#)

### December

December 7, 2022  
7:00 p.m. EST

Carolina Wetlands Association Webinar: [Carolina Wetlands Past to Present: How wetlands have changed in the Carolinas and their current condition, stressors, and threats.](#)

December 8, 2022  
3:00 p.m. EST

National Association of Wetland Managers: Tribal Wetland Programs Webinar: [A Path to Successful EPA Grant Applications for Your Tribal Wetland Program](#)

December 15, 2022  
1:00 p.m. EST

Society of Wetland Scientists Webinar: [Too much salt and not enough water: how drought is pushing Great Salt Lake to the brink](#)

December 15, 2022  
3:00 p.m. EST

National Association of Wetland Managers: Tribal Wetland Programs Webinar: [Protecting Waters and Wetlands in Indian Country: An Overview and Case Studies from EPA's New Tribal Wetland Program Guide](#)



Photo Credit: Laura Burchill, NAWM

# CONFERENCES/EVENTS

## November

November 28-30, 2022  
Airway Heights, WA

Affiliated Tribes of Northwest Indians: [2022 National Tribal Leaders Climate Change Summit: Asserting Tribal Sovereignty on the Path to Climate Justice](#)

November 29-December 1, 2022  
Indian Wells, CA

[ACWA Conference Fall Conference & Exhibition](#)

## December

December 4-8, 2022  
New Orleans, LA

Restore America's Estuaries: [2022 Coastal & Estuarine Summit](#)

December 6-8, 2022  
Anchorage, AK

[Arctic Rivers Summit](#)

December 8-9, 2022  
Fort Lauderdale, FL

Southeast Florida Regional Climate Change Compact  
[Southeast Florida Regional Climate Leadership Summit](#)

December 12-16, 2022  
Chicago, IL & Online

AGU Fall Meeting: [Science Leads the Future](#)



Photo Credit: Sharon Weaver, NAWM

<b>February 2023</b>	
February 6-10, 2023 Anchorage, AK	<a href="#">Alaska Forum on the Environment 2023</a>
February 21-23, 2023 St. Louis, MO	Midwest Climate Collaborative: <a href="#">Midwest Climate Summit</a>
February 21-23, 2023 Stevens Point, WI	Wisconsin Wetlands Association: <a href="#">Wetland Science Conference</a>
<b>March 2023</b>	
March 1-3, 2023 Austin, TX	<a href="#">Texas Land Trust Council Conservation Conference</a>
March 9, 2023 Washington, DC	Great Lakes Commission: <a href="#">Great Lakes Day 2023</a>
March 22, 2023 Portland, ME	Maine Association of Wetland Scientist: <a href="#">2023 Annual Meeting and Winter Conference</a>
March 25, 2023 Middletown, CT	<a href="#">Connecticut Land Conservation Council Conference</a>
<b>April 2023</b>	
April 20-21, 2023 Vancouver, Canada	<a href="#">Fifteenth International Conference on Climate Change: Impacts &amp; Responses</a>
April 24-28, 2023 Virginia Beach, VA	North American Lake Management Society: <a href="#">13th National Monitoring Conference: Working Together for Clean Water</a>
<b>May 2023</b>	
May 8-11, 2023 Jacksonville, FL/Virtual	<a href="#">National Mitigation &amp; Environmental Markets Conference: Invest in the Environment</a>
<b>August 2023</b>	
August 6-11, 2023 Portland, OR	<a href="#">2023 ESA Annual Meeting: For All Ecologists</a>

Miami University's Project Dragonfly is accepting applications for 2023 Earth Expeditions graduate courses that offer extraordinary experiences at global field sites in 15 countries throughout Africa, Asia, Australia, and the Americas. [Learn more.](#)

# TRAINING COURSES

## December

December 5-7, 2022 St. Michaels, MD	Environmental Concern Course: <a href="#">Winter Woody Plant ID</a>
December 5-8, 2022 Raleigh, NC	Swamp School Course: <a href="#">Standard Wetland Delineation Training</a> [Classroom/Field]
December 6-7, 2022 Portage, WI	Wetlands Training Institute, Inc. Course: <a href="#">Problematic Delineation Seminar</a>
December 9, 2022 Concord, NH	New Hampshire Association of Natural Resource Scientists: <a href="#">Winter Botany Workshop</a>
December 12-15, 2022 Tampa, FL	Richard Chinn Environmental Training, Inc. Course: <a href="#">Regional Supplement Wetland Delineation Training</a>

## January 2023

January 16, 2022 (Twelve Weeks)	Swamp School Course: <a href="#">Endangered Species Act Consultation Training</a>
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## February 2023

February 13, 14, 16, 17 Online	Rutgers Office of Continuing Professional Education Course: <a href="#">Wetland Construction: Principles, Planning, and Design</a>
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### The Wetland Foundation

Now accepting applications for the 2023 Student Travel Awards

**Deadline to apply is December 18, 2022**



Photo Credit: U.S. Fish and Wildlife Service



## ***Wetland News Digest***

The National Association of Wetland Managers' *Wetland News Digest* (WND) is a monthly compilation of wetland-related stories and announcements submitted by readers and gleaned from listservs, press releases and news sources from throughout the United States. WND chronicles the legislative, national, state and tribal news relevant to wetland science, policy, practice and law. It also links to new publications, tools and resources available to wetland professionals as well as events and training opportunities for those working in water resources and related fields. *Wetland News Digest* (formerly "*Wetland Breaking News*") has been published for over twenty years and NAWM has been a nationally recognized resource for information on wetland science and policy since 1983.

The items presented in *Wetland News Digest* do not necessarily reflect the views of the editor or of the National Association of Wetland Managers. Send your news items, comments, corrections, or suggestions to [news@nawm.org](mailto:news@nawm.org).



Photo Credit: Sharon Weaver, NAWM

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