



Wetland News Digest

Editor's Note

The National Association of Wetland Managers (NAWM) recently said farewell to Audra Martin as she moved on to pursue new interests. Audra was the Editor of *Wetland News Digest* for the past year, and we wish her all the best on her new journey. So, this month, I have the pleasure of sitting in the Editors chair once again.

There is quite a buzz going on in the wetland and water policy circles regarding potential Clean Water Act Section 401 implications related to the deal struck with Senator Manchin to pass the Inflation Reduction Act. NAWM is following this story as it continues to unfold and will keep our members up to date. We are also closely following the Sackett WOTUS case to be heard in the U.S. Supreme Court on October 3rd. We have included articles on both of these emerging issues in the [Editor's Choice](#) section this month. And as always, we have included additional interesting and timely articles on state and tribal programs, research, publications, wetland science, and more.

I hope you are all enjoying the fall weather – its truly my favorite time of year. Warm days, cool nights, dry air, and the beautiful foliage all make for great hiking days!

Happy autumnal equinox!

Marla Stelk
Editor, *Wetland News Digest*
NAWM

Know of an interesting news story? Share it with us at news@nawm.org and you may see it featured in the next issue!

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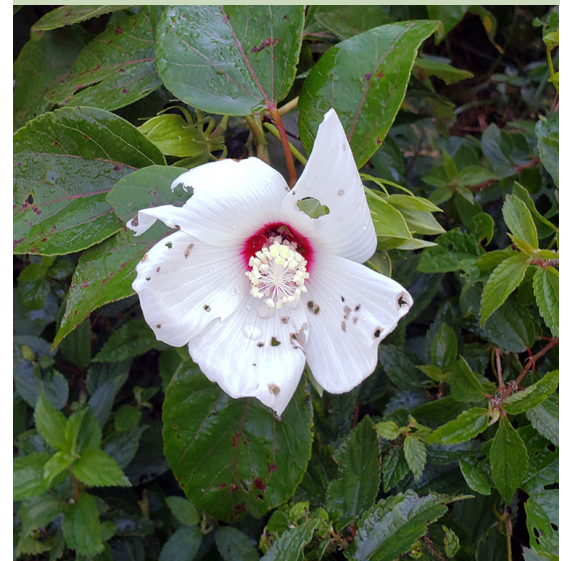


Photo Credit: Portia Osborne, NAWM

Editor's Choice

NAWM Sponsorship Opportunities



Wetland News Digest
Wetland News
Members' Webinars
Annual Meeting

**Sponsorship
Information**

Photo Credit: USFWS

Biden's Delaware vacation home faces 'extreme' flood risk as climate change leads to rising seas

By Casey Tolan CNN September 13, 2022

As he's traveled the country to visit victims of storms, wildfires, and floods, President Joe Biden has returned to a similar theme: Climate change is "everybody's crisis," as he declared last year after surveying flooded-out New York homes in the wake of Hurricane Ida. Biden doesn't say it explicitly, but that "everybody" includes himself. The President's vacation home near Rehoboth Beach, Delaware, is in the middle of a flood zone, and an analysis by a climate research group shows that the house is facing "extreme" flooding risk that is expected to get more severe over time. [Read more.](#)

How Manchin's climate deal could thwart EPA permitting rule

By Hannah Northey and Kelsey Brugger E&E News Greenwire August 4, 2022

Permitting reforms that Sen. Joe Manchin is pursuing in return for his approval of a burgeoning climate and energy deal on Capitol Hill could clash with and possibly stymie EPA's ongoing efforts to finalize a new Clean Water Act rule. A policy wish list the West Virginia Democrat released this week includes an overhaul of Section 401 of the Clean Water Act, a contentious section of the law that governs how states and tribes review and ultimately decide on permits to fill or dredge federally protected waters. Such permitting decisions, a lightning rod among states and members of Congress, can affect the fate of everything from natural gas pipelines to mines and liquefied natural gas export terminals. [Read more.](#)

Sacketts seek new WOTUS test. It may not help them.

By Pamela King and Hannah Northey E&E News Greenwire September 16, 2022

In three weeks, an Idaho couple will make their case to the Supreme Court that EPA improperly claimed oversight of a wetland on their property — a move that has for 15 years halted construction of their dream home near idyllic Priest Lake. But some legal observers note that Chantell and Michael Sackett's land may be subject to EPA permitting requirements, even if the justices adopt a more limited interpretation of the Clean Water Act's scope. "Even if the court is chomping at the bit to roll back federal jurisdiction, it doesn't seem that Sackett is the one," said Pat Parenteau, emeritus professor at Vermont Law and Graduate School, before the justices agreed to take up the case. [Read more.](#)

NAWM Wetland Mapping Consortium Webinars

Building on an Initial Wetland Inventory and Classification to Map Ramsar Wetland Sites in Mexico

Thursday, September 22, 2022- 3:00 p.m.-4:00 p.m. ET

Presenters:



Robb Macleod
Ducks Unlimited



Norma Rangel
Ducks Unlimited
de México

[More Information](#)

[Register](#)

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

Tuesday, November 1, 2022 - 3:00 pm - 4:30 pm Eastern

Presenters:



Jane Harner
U.S. Fish and
Wildlife Service
National Wetlands
Inventory



Herb Bergquist
U.S. Fish and
Wildlife Service
National Wetlands
Inventory

[More Information](#)

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A Certificate of Attendance to be used toward Continuing Education Credits will be available for this webinar. Free Certificates of Attendance are a benefit of [NAWM membership](#). Certificates are not available for viewing recorded webinars. [More information is available here](#). Please contact Laura at laura@nawm.org if you need assistance logging in.

National News

Northwestern partners with Indigenous scientists to conserve Great Lakes wetlands - Northwestern Now

By Amanda Morris – Northwestern – August 29, 2022

A Northwestern University-led research team has received a \$5 million grant over five years from the National Science Foundation (NSF) to develop new methods to help mitigate the effects of climate change on the Great Lakes and its surrounding natural ecosystems. By partnering with Indigenous and Native American scientists, conservation agencies and government agencies, the team will focus on manoomin (the Ojibwe word for wild rice), a critical — yet declining — part of the Great Lakes ecosystem and a sacred food that connects Native communities to the land. [Read more.](#)

EPA Announces Availability of \$3.6 Million for Tribes to Protect and Expand Critical Wetland Habitats

U.S. Environmental Protection Agency – August 17, 2022

Today, U.S. Environmental Protection Agency (EPA) is announcing \$3.6 million in available funding for federally-recognized Tribes and intertribal consortia to develop or refine wetland programs. During this competitive solicitation, EPA anticipates awarding funding for up to 25 projects that help build wetland capacity, strengthen nation-to-nation relationships, promote equity, and improve climate resilience. [Read more.](#) Deadline to submit [applications](#) is October 7, 2022.

USDA to Invest \$5 Million in the Wetland Mitigation Banking Program

USDA Natural Resources Conservation Service – August 11, 2022

The U.S. Department of Agriculture (USDA) today announced that it is investing up to \$5 million in the Wetland Mitigation Banking Program (WMBP). This grant program supports the development of mitigation banks for use by agricultural producers seeking to maintain eligibility for USDA programs. Funds are available to Tribes, state and local government entities, nonprofits and other organizations. [Read more.](#) Proposals due by [October 10, 2022.](#)

Donate to NAWM

Your private donations directly support National Association of Wetland Managers (NAWM) ability to respond to time-sensitive issues as they arise and allow us to provide information, expert analysis, and recommendations regarding the impacts of potential policy and law on wetland protection programs and efforts.

Donate Here.

Photo Credit: John Lowenthal, Cardno

NAWM Members' Only Webinar

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

Wednesday, September 28, 2022 - 3:00 p.m.-4:30 p.m. ET



Presenter:

Roy (J.R.) Jacobson

New York Department of Environmental Conservation

[More Information](#)

[Register](#)

A Certificate of Attendance to be used toward Continuing Education Credits will be available for this webinar. Free Certificates of Attendance are a benefit of [NAWM membership](#). Certificates are not available for viewing recorded webinars. [More information is available here](#). Please contact Laura at laura@nawm.org if you need assistance logging in.

NAWM Members' Recorded Webinar

Rights of Wetlands: Learning About Alternative Paradigms Designed to Respond to Climate and Biodiversity Emergencies

Held Wednesday, July 27, 2022

Presenters:



Gillian Davies
BSC Group



Matt Simpson
35 Percent

To view the members' recorded webinar, please login to your [Members' Portal](#) and go to "Past Members' Webinars". Contact Laura at laura@nawm.org or (207) 892-3399, if you need assistance logging in. If you are not currently a member, [join here](#).

State and Tribal News

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Photo Credit: Laura Burchill, NAWM

CA: Creating 700 acres of new marshland across San Diego is key to city's new climate action plan

By David Garrick – The San Diego Union-Tribune – August 23, 2022

The revised and more aggressive climate action plan San Diego adopted this month commits officials to creating 700 acres of marshland across the city, more than triple the 220 acres of new marshland Mayor Todd Gloria had previously promised in northeastern Mission Bay.

The revised climate action plan prioritizes new marsh areas — sometimes called wetlands — because they serve the dual purpose of removing greenhouse gases like carbon dioxide from the air and fighting sea-level rise by acting as a coastal sponge. [Read more.](#)

CA: Ninth Circuit Finds No Waiver of State Water Board Authority

By Troutman Pepper – JDSupra – August 16, 2022

On August 5, the U.S. Court of Appeals for the Ninth Circuit overruled several orders by the Federal Energy Regulatory Commission (FERC) and held that the California State Water Resources Control Board (SWRCB) did not waive its authority to issue water quality certifications for several hydroelectric projects. Before the court in *SWRCB v. FERC*, No. 20-72432, were several orders on appeal from FERC where the Commission found that SWRCB had participated in a coordinated “withdrawal-and-resubmission” scheme to evade the Clean Water Act (CWA) Section 401 one-year statutory time limit on a state’s review of a certification application. [Read more.](#)

CA: Largest Tidal Restoration Project in California Will Make Way for Wildlife & Mitigate Floods

By Guanani Gómez-Van Cortright – Bay Nature – August 16, 2022

Two landscapes stand divided by the hundred-year-old Yolo Bypass West Levee in Solano County. To the south of the levee’s U shape, canals tangle toward the sprawling Sacramento–San Joaquin River Delta, which teems with wildlife. North of the levee, former farmland slowly sinks, exhausted by generations of human intervention. But this divided landscape is poised to change dramatically. Lookout Slough, 3,000 acres of former farmland, ranchland, and duck hunting grounds north and west of the Yolo Bypass West Levee, is slated to become the largest tidal wetland restoration project in the history of California. [Read more.](#)

CT: Stratford's Great Meadows \$4M Restoration Project Unveiled

By Vincent Salzo – Patch Stratford, CT – August 31, 2022

The \$4 million restoration project of Stratford's Great Meadows Salt Marsh was celebrated with a ribbon-cutting ceremony on Tuesday. After years of planning and fundraising, 34 acres of salt marsh and other important coastal habitat has been restored at Great Meadows Marsh, a Globally Important Bird Area, and part of Stewart B. McKinney National Wildlife Refuge, according to officials. [Read more.](#)

GA: An insurance policy for coastal Georgia's salt marshes? Conservationists are considering it

By Benjamin Payne – Reporter Newspaper – August 13, 2022

Cars. Pets. Homes. Health. There are many things in life that an insurance policy can cover (including life itself). But what about the environment — specifically, salt marshes? "If we can quantify that, that's when we can really start to explore innovative funding solutions for protecting and restoring that marsh — one of those potentially being insurance," said Liz Fly, an ocean conservationist at The Nature Conservancy. [Read more.](#)

IL: Small Wetlands, Big Benefit: How to Harness Nature to Filter Agriculture Runoff

The Nature Conservancy August 29, 2022

ohn Franklin's farm has been in his family for 170 years. "That's why I'm into conservation, that long history," he explains. "We want to keep it going for the next generation." Along with his brother and other family members, Franklin grows corn and soybeans on his property in Lexington, Illinois, bordering the Mackinaw River. When he heard that The Nature Conservancy (TNC) was looking for a site to try some innovative farming techniques, he offered up 140 acres of his farm. TNC has been using a portion of this site for experiments since 2005 to explore how constructed wetlands can reduce nutrient runoff from farm fields. [Read more.](#)

LA: Exhibition: "Water, Water Everywhere: Control and Consequence in Louisiana's Coastal Wetlands"

Lobservateur – September 4, 2022

LSU Libraries' new exhibition, "Water, Water Everywhere: Control and Consequence in Louisiana's Coastal Wetlands," will be on display in Hill Memorial Library from Sept. 6 – Dec. 21 and is free and open to the public. The exhibition tells the story of Louisiana's relationship with water, as revealed in photographs, family papers, business records and a variety of publications that document the infinitely meandering waterways, human attempts to control them and the adversarial attitude toward the marsh embraced in the not-too distant past. [Read more.](#)

MD: Maryland Has Eradicated These Invasive 20-Lb. Swimming Rodents

By Jacob Fenston dcist September 16, 2022

It looks like a rat crossed with a beaver, with prominent orange teeth. It's an invasive swimming rodent that has wreaked havoc on wetlands of the Chesapeake Bay for the better half of a century, and now, officials say, the nutria has been driven out of Maryland. "It was not an easy task by any means," says Marcia Pradines Long, refuge manager of the Chesapeake Marshlands National Wildlife Refuge Complex. "Over two decades and \$30 million later, we can proudly say that we have eradicated nutria from Maryland." [Read more.](#)

MD: Residents and Environmentalists Say a Planned Warehouse District Outside Baltimore Threatens Wetlands and the Chesapeake Bay

By Aman Azhar Inside Climate News August 23, 2022

Jeanna Tillery said it feels like she's going through a spell of heartbreaks. She wakes up every day to the mechanical hum of the construction work, felling old-growth trees and tearing into 326 acres of wetlands known as Abingdon Woods that almost touches the rear of her house. An ecosystem consisting of wooded forest, wetlands and marshes, Abingdon Woods provides essential habitat, regulates the climate and filters sediments and nutrients from entering into the Chesapeake Bay through the Bush River watershed—a tidal estuary almost 117 miles in length and comprising over 520 miles of streams, according to the National Water Quality Monitoring Council. Tillery's present troubles stem from a county court decision handed down on Aug. 3, which denied the motion for injunctive relief filed by residents and Chesapeake Bay Foundation, the environmental nonprofit. [Read more.](#)

MA: Restraining the Tide Exacerbates Climate Change

By Michael Allen – Hakai Magazine – August 24, 2022

In 1908, locals in Cape Cod, Massachusetts, built an earthen dike across the Herring River to curtail its flow into the surrounding wetlands. Their goal was to clamp down on the number of mosquitos. The dike destroyed the original salt marsh, replacing it with woodland, shrub, and impounded wetlands. But the community's efforts over a century ago did far more than dry out the landscape. According to a new study, impounded wetlands can undergo an important change, shifting from carbon sinks into methane sources. The transformation turns these landscapes from ones that help mitigate climate change into ones that exacerbate it. [Read more.](#)

Pokagon Band of Potawatomi: In tune with the land, Pokagon Band of Potawatomi conducts wild rice research at national park

By Molly DeVore – nwi.com – August 20, 2022

To the untrained eye, the line of swaying plants easily blend into the surrounding wetland. However, Jennifer Kanine knew exactly what she was looking for. Kanine bent the tall grass and examined the top where a cluster of husks covered in tiny hairs grew. The husks contain mnomen, a Potawatomi word which translates to "good berry." The nutritious grains are also known by another name — wild rice. [Read more.](#)

NC: 'Ghost forests' are creeping across NC's coast at an alarming rate. Researchers are trying to stop them.

By Jack Igelman – Carolina Public Press – August 12, 2022

Dozens of eerie, bleached-gray pine trees stand on the marshy shore of Harkers Island. Their trunks are like telephone poles — leafless and lifeless exclamation points amid a tract of island woodland 50 miles southeast of New Bern. As the salt marsh transitions to wetlands and to maritime forest, the trees are in various stages of decomposition — some fallen, others still lush and green, nestled in thick undergrowth. Though some trees are still living, they are under threat from sea level rise and other impacts of climate change. The spreading stands of dead trees are what's known as "ghost forests," a general term to describe contiguous areas of dead trees. [Read more.](#)



TX: Dallas Water Commons to Transform Overlooked Channel

By Ken Kalthoff – MSN NBC Dallas – September 8, 2022

New renderings were unveiled Thursday for the Dallas Water Commons, a combination flood control, park and education project to transform a long-overlooked part of Dallas. Project Director Melanie Ferguson said it will be the first-of-its-kind cleansing wetland in the heart of a major U.S. city. The new renderings show a transformation of the site into a park and education destination. The Water Commons will filter water with plants by nature before getting pumped into the Trinity River floodway. [Read more.](#)

UT: These tiny toads live in Utah’s alpine wetlands. As drought deepens, scientists are on a quest to save them.

By Paighen Harkins – The Salt Lake Tribune – September 8, 2022

Just before nightfall, Keith Lawrence and Kaitlyn Purington each threw a long net over their shoulder on the last day of August and set off into the untamed brush and marsh just beyond the banks of Strawberry Reservoir. Since workers diverted and dammed creeks and streams in the Strawberry Valley to create this reservoir in the early 1900s, it’s been a popular recreation destination. State employees have stocked this body of water with more fish than any other over the last decade, according to state data, giving anglers a chance to reel in coveted cutthroat and rainbow trout and kokanee salmon. But just beyond the reservoir’s banks, where the water drains into narrow, serpentine streams lined by tall grasses and short, stocky willows, these Division of Wildlife Resources employees have another animal on their mind: boreal toads. [Read more.](#)

VA: Va. professor studying discarded plastics’ toll on coastal wetlands

By Everett Eaton – The Virginian-Pilot Star Exponent – August 24, 2022

Austin Gray squished through the South Carolina mud during one of his hunts. He was collecting grass shrimp at low tide in the Leadenwah Creek. Gray is an associate professor of biological sciences at Virginia Tech and is studying the impact microplastics have on daggerblade grass shrimp. The shrimp are prevalent along the East Coast, including the Chesapeake Bay. He was searching for pregnant grass shrimp to study the babies once they are born. [Read more.](#)

WA: WA ecosystems are changing. Conservation efforts are, too

By Hannah Weinberger – Crosscut – August 23, 2022

If you don’t know what to look for at Crowberry Bog, you’re liable to miss something miraculous, ecologist Joe Rocchio says over the *squish squish* of his boots through peat on a gray May morning. During a routine survey near the Hoh River in Jefferson County in 2011, Rocchio looked out beyond the bog laurel and bog labrador tea at the edges of a 40-acre wetland and its secret almost registered: The shrubs at the center were taller than where he stood. *Just taller, thicker shrubs*, he’d thought, heading toward them. [Read more.](#)

WI: More water in Mississippi leading to a loss of floodplain forests

By Kirsti Marohn Minnesota – Public Radio Austin Daily Herald – August 30, 2022

The trees on Goose Island, near the Minnesota-Wisconsin border, are used to floods. Almost every spring, Mississippi River floodwaters cover the bottomland forest, then recede later in the summer. Silver maples and rare swamp white oak trees thrive, along with willow, cottonwood and ash. But when Andy Meier looks up at the trees, he sees signs of trouble. [Read more.](#)

TRIBAL WETLAND PROGRAMS WEBINAR

Getting Started with Tribal Wetland Plans

Thursday, September 29, 2022 - 3:00 p.m. - 4:30 p.m. Eastern

Presenters:



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



Mary Iorio
Environmental Division,
Three Affiliated Tribes



Josh Cunningham
Environmental Division,
Three Affiliated Tribes



Tiffany Allgood
Environmental
Programs Office,
Coeur d'Alene Tribe

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Photo Credit: Laura Burchill, NAWM

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Photo Credit: USFWS

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2X1 SOCIETY MEMBERSHIP FOR STUDENTS

NAWM is a national nonprofit that builds capacity for states & tribal wetland managers, fosters collaboration & training for wetland professionals, and promotes the use of sound science in aquatic resource management, policy, & practice.

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Started primarily as a scientific society based in the U.S., SWS is now International with the mission to promote best practices in wetland research, education, conservation, restoration, and management. [Join SWS](#)



How do I claim my dual membership?

01

Join either the Society of Wetland Scientists or the National Association of Wetland Managers as a student (reduced membership rate of \$30!)

02

Get a student membership to the other society for free! Benefit from student opportunities from both groups for the price of one.

Wetland Science News

Cute as a buttonbush: Native wetlands shrub benefits wildlife in so many ways

By Susan Pike – Seacoastonline – September 7, 2022

Known as a honey-plant, buttonbush attract a wide variety of bees, but not only bees. Butterflies, moths, beetles, wasps and flies are attracted to the fragrant, nectar-packed flowers. Buttonbush foliage is host to the larval stages (caterpillars) of local butterflies and moths. Sphinx moths, prometheus moths and wood nymph butterflies are a few local beauties that seek out buttonbush to lay their eggs upon. In the fall, globular clusters of small reddish-brown nutlets replace the flowers. [Read more.](#)

New Study Examines Role of Coastal Wetlands in Addressing Climate Change

CapeCod.com – September 5, 2022

A recent study led by the U.S. Geological Survey has provided valuable insights regarding the role of coastal wetlands in mitigating climate change. The study examined the impact of infrastructure such as dams, dikes and roadways on coastal wetlands by examining impacted and unaffected areas in Herring River in Wellfleet and Sage Lot Pond in Mashpee and found that human development was connected to higher methane levels and lower salinity in coastal environments. The findings indicate that methane emissions are significantly lower in wetlands with higher salinity and those unaffected by coastal hydrology management. [Read more.](#)

Rewetting Southern Peatlands Could Prevent Millions of Tons of CO2 Emissions

Nicholas School of the Environment – September 2, 2022

More than 1.7 million acres of coastal peatland bogs in the Southeast have been drained for agriculture and forestry over the years. But about 250,000 acres are no longer used as productive farmland and lie fallow. Rewetting and restoring these abandoned tracts into functioning wetlands again could prevent 4.3 million tons of climate-warming carbon dioxide, now stored in their soils, from oxidizing and escaping back into Earth's atmosphere each year, a new Duke University study shows. [Read more.](#)



M MENTORSHIP-ASSISTED
A RESOURCE & SUPPORT HUB
R A new, one-year mentoring program for students, early career professionals, and people transitioning between careers to network, gain experience, and receive one-on-one coaching to support their growth as wetland professionals.
S
H

Opening October 10th
Mentee Applications
More information.

Scientists Are Studying Ghost Forests Swallowed by Saltwater. You Can Help.

By Laura Oleniacz – NC State University – September 1, 2022

“We are monitoring whether the soil is going up or going down – that will tell us if the wetland is going to be able to keep up with sea-level rise, or if it’s going to drown,” said Ardón, an associate professor of forestry and environmental resources at North Carolina State University. [Read more.](#)

Stormwater Management Ponds May Not Hold the Solution for Depleting Wetlands

Eurasia Review – August 11, 2022

Relying on stormwater management (SWM) ponds to restore the depleting wetlands is not sustainable and lacks the critical ecosystem services vital for biodiversity, a new study found. With the continued losses of wetlands projected in the near future and emphasis on the underestimation of provincial wetland loss, the study captures the contributions of SWM ponds in a changing network of water bodies and the effects of land use and land cover in this change. [Read more.](#)

Double-duty bacterium guzzles both methane and sulfur

By Alla Katsnelson – C&EN – August 10, 2022

Methane is a potent greenhouse gas that plays a major role in Earth’s warming. Ecological regions called wetlands, where water covers soil for at least part of the year, are a major source of methane emissions. Methane-oxidizing bacteria in wetlands soil can tamp down methane release there. [Read more.](#)

NAWM Has Fall Learning Options Available

Have you explored our Online Trainings?

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 for to view and build knowledge. The quiz/certificate options for this series will be added at a later date.



NAWM Jobs Board

[Wetland GIS Technician](#)
Colorado State University
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[Coastal Resiliency Senior Manager](#)
Partnership for the Delaware Estuary
Wilmington, DE
Apply by October 4, 2022

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National Association of Wetland
Managers
Portland, ME
Open until filled.

[NPDES Permit Writer \(Natural Resource Specialist 3\)](#)
Oregon Dept. of Environmental Quality
Portland, OR
Apply by October 10, 2022

[Restoration, Acquisition and Stewardship Senior Scientist](#)
The Tulalip Tribes
Tulalip, WA
Apply by October 2, 2022

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NAWM Webinars

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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

Couple writes and photographs about restoring wetlands

By Maureen Foertsch McKinney – npr Illinois – August 11, 2022

The University of Illinois Press in July published Clare Howard and David Zalaznik 's – *In the Spirit of Wetlands: Reviving Habitat in the Illinois River Watershed*, an ode in black and white to restoration work in the state. At one point, long before western civilization came to North America, wherever there was a thriving wetland there was a thriving population of Native Americans, notes Zalaznik. Howard said 90 percent of what was wetland has been plowed or paved over. [Read more](#).

Informing the Community Engagement Framework for Natural and Nature-based Projects: An Annotated Review of Leading Stakeholder and Community Engagement Practices

Sarah L. Thorne, Daniel C. Kovacs, Joseph Z. Gailani, and Burton C. Suedel – September 2022

In its infrastructure development work, the US Army Corps of Engineers (USACE) engages and collaborates with numerous local, state, and national stakeholders. Projects incorporating innovative approaches, such as beneficial use (BU) of dredged materials and other natural and nature-based features (NNBF), are often not well-understood by stakeholders, including those at the community level. This often results in conflicts and project delays. By sponsoring the development of a Community Engagement Framework, the Dredging Operations and Environmental Research (DOER) program hopes to systematically improve how project teams design, conduct, and measure effective community engagement on infrastructure projects. [Read full report](#).

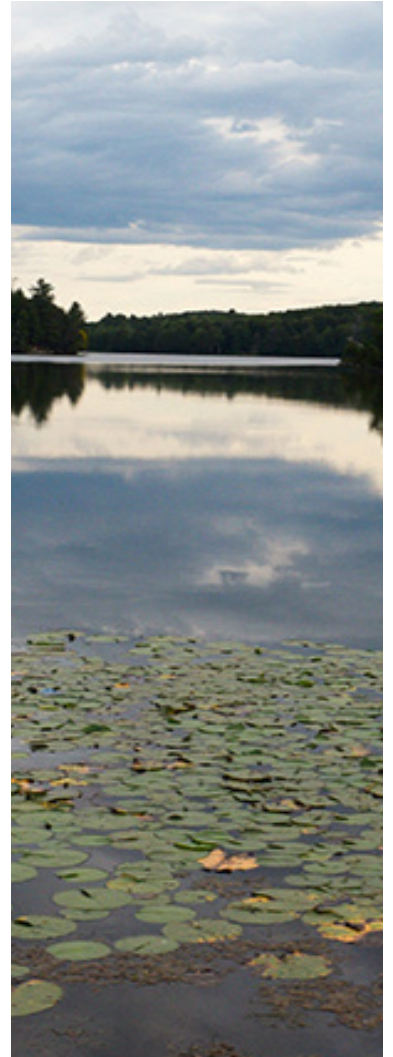


Photo Credit: Sharon Weaver, NAWM

Funding Opportunities

[Fiscal Year 2022 Tribal Wetland Program Development Grants](#)

U.S. Environmental Protection Agency

Closes: October 7, 2022

[NRCS's Wetland Mitigation Banking Program for Federal Fiscal Year 2022](#)

USDA Natural Resources Conservation Service

Closes: October 10, 2022; 11:59 p.m. ET

[NAWCA \(North American Wetlands Conservation Act\) 2023 US Small Grants](#)

U.S. Fish and Wildlife Service

Closes: October 13, 2022; Electronically 11:59 p.m. ET

Potpourri



Photo Credit: Sharon Weaver, NAWM

Why birders will flock to the restored wetland at FDR Park

By Tony Croasdale – City of Philadelphia – September 2, 2022
FDR Park is well known amongst birders as a phenomenal location for spotting a variety of species. With 224 entries in eBird, FDR Park has the 3rd largest bird list for Philadelphia! Only the much larger John Heinz National Wildlife Refuge and Pennypack Park on the Delaware have larger species listings on the popular app for tracking observational data gathered by birders. The wetlands restoration project and Nature Phase of the FDR Park Plan now underway will enhance the park's status as a destination for birders. [Read more.](#)

Giving frogs a leg up

By Eli Francovich – The Lewiston Tribune – August 19, 2022
Washington wildlife managers released hundreds of endangered northern leopard frogs into Washington's channeled scablands Tuesday evening. About a dozen of those frogs were outfitted with small radio transmitters placed by Washington State University researchers. Those transmitters will monitor the frog's survival and movements and will help the Washington Department of Fish and Wildlife's continuing efforts to recover the once-common species. [Read more.](#)

Can mimicking beavers help save the Great Salt Lake?

By Jacob Klopfenstein – Desert News – August 13, 2022

About five years ago, Willy Stockman's home on the bank of Emigration Creek became a wildlife hot spot. In the summers of 2017 and 2018, elk, coyotes and turkeys started showing up in her backyard where she'd never seen them before. Huge elk herds came down the canyon and started occupying her and her neighbors' yards. Though the creatures were a sight to see, it was a symptom of a big problem in the canyon: A severe drought meant upper parts of the canyon had no water, so wildlife were venturing further down the canyon in search of a drink. [Read more.](#)

Swamp milkweed

By Trevor Edmonson – Daily Journal – August 11, 2022

Recently, The International Union for Conservation added the monarch butterfly to its Red List as endangered. While this doesn't mean it is endangered in the United States officially yet, it is a good indication of the struggles the butterfly has faced in recent years and general belief of its future prospects. Many factors contribute to success or failure of this iconic species but certainly one is the proliferation of its host plant milkweed. [Read more.](#)



ENVIRONMENTAL MARKETS CONFERENCE

THE environmental markets conference

Call for Participation is Open (through Oct 1)

National Mitigation & Environmental Markets Conference (NMEMC)

May 8-11, 2023, Jacksonville, Florida

(in-person w/virtual option)

NAWM participates on the steering committee and as a Co-Supporter of NMEMC.

The Mitigation & Environmental Markets Conference seeks innovative and outcome-based approaches in mitigation, conservation, and restoration of wetlands, streams, carbon, water quality and quantity and related environmental markets — to improve resiliency and sustainability with increased investment through collaboration on resources, process and practice, technology, transparency, efficiency, and accountability.

A mix of opportunities to participate and easy to submit!

[Submissions due by October 1, 2022!](#)

Wetland Restoration Workshop

October 1-2, 2022

Muncie, IN

Ball State University's Field Station and Environmental Education Center is hosting this hands-on workshop to demonstrate practical, low-cost techniques to create or restore natural and native wetland habitats. Participants learn to select suitable locations, test soil texture, choose appropriate construction techniques, work with heavy equipment operators, and select and establish native wetland plants. [More information](#). Register by September 26, 2022.

Calendar of Events

WEBINARS

September

September 22, 2022 3:00 p.m. - 4:00 p.m. EDT	National Association of Wetland Managers Webinar: Building on an Initial Wetland Inventory and Classification to Map
September 23, 2022 10:30 a.m.	Wisconsin Wetlands Association Wetland Coffee Break: The role and application of prescribed fire in Wisconsin wetlands
September 28, 2022 3:00 p.m.-4:30 p.m. EDT	National Association of Wetland Managers Webinar: Recent Changes to New York's Freshwater Wetlands Act: Lessons
September 29, 2022 3:00 p.m.-4:30 p.m. EDT	National Association of Wetland Managers Webinar: Getting Started with Tribal Wetland Plans

October

October 7, 2022 10:30 a.m.	Wisconsin Wetlands Association Wetland Coffee Break: It's the little things that run the world: the importance of
October 18, 2022 11:00 a.m. EDT	Michigan Department of Environmental, Great Lakes, and Energy Webinar: 50 Years on the Clean Water Act: Remaining Challenges of the Clean Water Act in Michigan
October 20, 2022 1:00 p.m.-2:00 p.m. EDT	Swamp School Webinar Course: USACOE Wetland Vegetation Inventory Training
October 26, 2022 1:00 p.m. EDT	Center for Watershed Protection Webinar: Urban Forestry
October 26, 2022 1:00 p.m.-2:00 p.m. EDT	New York Department of Environmental Conservation Webinar: The New York Protected Areas Database: Mapping Conservation Lands and Uses in Municipal Planning

November

November 1, 2022 3:00 p.m.-4:30 p.m. EDT	National Association of Wetland Managers: NWI Updates: What's New at the National Wetlands Inventory Program
November 9, 2022 4:00 p.m. EDT	University of Massachusetts Amherst Webinar: More than the sum of their parts? Interactions of invasive species and other environmental change
November 16, 2022 1:00 p.m. EDT	Center for Watershed Protection Webinar: Behavior Change for Watershed & Surface Water Management

CONFERENCES/EVENTS

September

September 24, 2022 Wilmington, DE	Delaware Nature Society: Monarch Migration Celebration
September 24, 2022 Philadelphia, PA	Partnership for the Delaware Estuary: Delaware River Festival: One River, Many Stories
September 26-28, 2022 National Harbor, MD	StormCon

October

October 3-7, 2022 Virtual & New York, NY	American Museum of Natural History: Student Conference on Conservation Science-New York
October 6-8, 2022 Searcy, AR	Society of Wetland Scientists Central & South Central Chapters Fall Conference
October 9-16, 2022 Toronto, Ontario, Canada	International Migration & Environmental Film Festival
October 10-12, 2022 Albuquerque, NM	Southwest Climate Adaptation Science Center: Southwest Adaptation Forum
October 13-14, 2022 Oakland, CA	California Lake Management Society 37th Annual Conference
October 18-19, 2022 Milwaukee, WI	Healing Our Waters Great Lakes Coalition: Great Lakes Conference 2022
October 22, 2022 Combine, TX	John Bunker Sands Wetland Center: Wings Over the Wetland: Twilight Soiree
October 23-28, 2022 Albany, NY	NEIWPC: 11th U.S. Symposium on Harmful Algae
October 25-27, 2022 Baltimore, MD	EcoAdapt: National Adaptation Forum
October 25-27, 2022 Green Bay, WI	Midwest Invasive Plant Network: Upper Midwest Invasive Species Conference
October 29, 2022 Durham, NH	Society of Wetland Scientists New England Chapter Annual Meeting, Conference, and Field Trip: The Role of Wetlands in Climate Resilience

November	
November 6-10, 2022 Spokane, WA	The Wildlife Society's 29th Annual Conference
November 7-8, 2022 Raleigh, NC	North Carolina Sea Grant: The North Carolina Coastal Conference
November 7-9, 2022 Seattle, WA	American Water Resources Association Annual Water Resources Conference
November 7-10, 2022 Ft. Myers, FL	North American Invasive Species Management Association 30th Annual Conference
December 8-9, 2022 Fort Lauderdale, FL	Southeast Florida Regional Climate Change Compact Southeast Florida Regional Climate Leadership Summit
November 10-11, 2022 Fulton, MD	Centre for Watershed Protection: Coastal & Island Symposium
December 8-9, 2022 Fort Lauderdale, FL	Southeast Florida Regional Climate Change Compact 14th Annual Climate Leadership Summit
November 14-16, 2022 Ballina, New South Wales	Centre for Coastal Biogeochemistry at Southern Cross University: 15th Australasian Environmental Isotope Conference
December	
December 4-8, 2022 New Orleans, LA	Restore America's Estuaries: 2022 Coastal & Estuarine Summit



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TRAINING COURSES

September

September 26-29, 2022 San Diego, CA	Wetlands Training Institute, Inc. Course: Federal Wetland/Waters Regulatory Policy
September 26-30, 2022 Atlanta, GA	Duncan & Duncan Wetland & Endangered Species Training: Basic Wetland Delineation
September 26-30, 2022 Shepherdstown, WV	Stream Mechanics: Stream Functions Pyramid and Quantification Tool Workshop
September 28-29, 2022 Online	Rutgers Office of Continuing Professional Education Course: NJ Wetlands Management for LSRPs

October

October 3-6, 2022 Raleigh, NC	Swamp School Course: Standard Wetland Delineation Training [Classroom/Field]
October 10-12, 2022 St. Michaels, MD	Environmental Concern Course: Evaluating Hydric Soils in the Field
October 12, 2022 Virtual/Field Trip TBD	Rutgers Office of Continuing Professional Education Course: Methodology for Delineating Wetlands
October 18, 2022 Atlanta, GA	Duncan & Duncan Wetland & Endangered Species Training: Wetland Delineation Overview (Coastal Plain or Eastern Mountains/Piedmont)
October 18-21, 2022 Moss Point, MS	Grand Bay National Estuarine Research Reserve Course: Wetland Identification and Delineation



Photo Credit: Marla Stelk, NAWM

November	
November 1, 2022 Online	Rutgers Office of Continuing Professional Education Course: ArcGIS: Introduction
November 2-4, 2022 Live Remote, NJ - TBD	Northwest Environmental Training Center Course: Wetlands: Science and Regulatory Management
November 14-17, 2022 Angier, NC	Swamp School Course: Principals of Wetland Design
November 15-16, 2022 Atlanta, GA	Duncan & Duncan Wetland & Endangered Species Training: Advanced Hydric Soils, Atypical Wetlands, and Hydrology (Coastal Plain or Eastern Mountains/Piedmont)
December	
December 5-7, 2022 St. Michaels, MD	Environmental Concern Course: Winter Woody Plant ID
December 5-8, 2022 Raleigh, NC	Swamp School Course: Standard Wetland Delineation Training [Classroom/Field]
December 5, 7, 8 & 9, 2022 Online	Rutgers Office of Continuing Professional Education Course: Wetland Construction: Principles, Planning, and Design
December 6-7, 2022 Portage, WI	Wetlands Training Institute, Inc. Course: Problematic Delineation Seminar



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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.

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