



WETLAND NEWS DIGEST

Monthly News Digest of the Association of State Wetland Managers

November 2021

Editor's Note

Dear Wetlanders,

Climate change and infrastructure are all the buzz these days with the new \$1 trillion bipartisan infrastructure bill signed by President Biden yesterday. Funding to address climate change will be explicitly addressed in a separate bill, but there are plenty of opportunities for agencies and organizations to leverage nature-based infrastructure solutions with the infrastructure funding now available, which in the long run will help us address climate change resilience and mitigation needs for the nation.

In the Editor's Choice section this month, I have included a [press release](#) by the U.S. Environmental Protection Agency's (EPA) Office of Water, regarding the \$50 billion now earmarked for EPA's water infrastructure programs. In calls that the Association of State Wetland Managers participated in recently with Assistant Administrator Radhika Fox, she mentioned funding for state revolving loans that could be used for nature-based infrastructure projects, much of which are available for grants or principal forgiveness loans. This is truly a historic moment for EPA's Office of Water Programs, and thus for state and tribal water programs.

Climate change is no doubt the biggest challenge of our time as it affects all aspects of our lives. In Editor's Choice you'll find a story about how it is impacting [Tribal Nations](#) and [new conservation areas](#). And in National News we have stories regarding the recent [COP26](#) United Nations global climate summit as well as [Biden's climate plan](#).

I hope you enjoy our selection of news stories this month. As always, if you have news to share, please send them to us at news@aswm.org.

Best regards,

Marla J. Stelk
Editor, *Wetland News Digest*



*Happy Thanksgiving
To all our
Wetland Friends and Family*

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Editor's Choice



Sponsor Wetland News Digest

Wetland News Digest (WND) sponsorship provides the perfect opportunity for your business to increase its visibility with members of the wetlands and water resources community and reinforce your continued commitment to wetlands in the U.S.

Information on
sponsorship,
can be found here.

Photo by Dawn Smith, ASWM

In the Midst of a Salmon Crisis, Alaska Native Villages Band Together

By Maia Wikler – Hakai Magazine – November 11, 2021

It's nearly two in the morning and the sun is just beginning to set as Ben Stevens navigates the braided channels of the Yukon River toward his fish camp. Stevens is a traditional fisherman—Dinyee Hutanne, the people of the canyon. He was raised by his grandmother on the river in Stevens Village, a Koyukon Athabascan community nestled within the Yukon Flats in Alaska. Typically, the camp is bustling with families processing salmon. This year, however, it was quiet as he set a four-inch (10-centimeter) mesh net for whitefish; there were no salmon to catch. [Read more here.](#)

Why Climate Change Could Put New Conservation Areas in Jeopardy

By Zach St. George – YaleEnvironment360 – November 11, 2021

Last month, parties to the Convention on Biological Diversity met virtually to set global conservation goals for the next decade. Although the 196 signatories to the treaty did not meet the goals they set a decade ago, they nevertheless are moving to expand on those goals, most notably with a proposal to place 30 percent of the earth's continents and oceans in protected areas by 2030. This "30 by 30" plan has been the subject of fierce argument, with some critics calling it an environmentalist pipe dream and a [neocolonialist land grab](#) that, by restricting the activities allowed in newly protected areas, could negatively affect [as many as 300 million people](#), including many of the world's poorest. [Read more here.](#)

Bipartisan Infrastructure Deal: A Historic Investment in Water

U.S. Environmental Protection Agency Water – November 10, 2021

President Biden's leadership and bipartisan Congressional action have delivered the single-largest investment in U.S. water infrastructure ever. The Bipartisan Infrastructure Deal invests more than \$50 billion through EPA's highly successful water infrastructure programs. For more information, please see the [BID factsheet here](#). You can view a video message from Assistant Administrator Radhika Fox [here](#).

Army Corps Halts Coverage Under Nationwide Permits

By Anna Wildeman, Dave Ross, Check Sensiba, et al. – Environmental Law and Policy Monitor – November 5, 2021

Landowners and permit applicants received an email notification this week that the Army Corps of Engineers (Army Corps) would not be processing their requests for coverage under a variety of Clean Water Act (CWA) Section 404 Nationwide Permits (NWP). NWPs are general permits that authorize activities under Clean Water Act Section 404 that "will cause only minimal adverse environmental effects when performed separately and will have only minimal cumulative adverse effects on the environment." CWA Section 404 (e)(1). [Read more here.](#)

NEW: Beaver-Related Restoration Training Series

The Association of State Wetland Managers (ASWM) and the Bureau of Land Management (BLM) collaborated to develop a series of webinars introducing the topic of restoration of aquatic ecosystems through the reintroduction of beavers, the use of beaver dam analogues (BDAs) or restoration designed to attract beavers to an area to contribute to changing hydrology and restoring ecosystem services. This webinar series was originally developed with guidance from a national workgroup of beaver restoration experts with presentations provided by practitioners, managers and researchers working in the field. The webinars have been assembled into a series of online Training Modules, covering the basics of beaver restoration and continuing through implementation challenges and ways to encourage beaver restoration projects.

Each online module in the Beaver-Related Restoration Training Series is accompanied by an optional knowledge assessment quiz available through *ClassMarker*. The quiz assesses understanding of the key take-away points of the training.

[ASWM Members](#) - as a benefit of membership, you will have the opportunity to download a free Certificate of Completion for each module quiz that you pass. [Log In](#) to the membership portal to access the learning modules and quizzes.

[Non-Members](#) - you have free access to view the learning modules. There is a \$25.00 USD fee per module to take the online quiz towards achieving a Certificate of Completion. Secure payment is made through PayPal, either with a PayPal account or with the guest option, using a credit card. [Learn more here.](#)



Photo by Sharon Weaver ASWM

Upcoming ASWM Members' Webinar Series

Members' Only Webinar – [Join ASWM Here](#)

Conducting a Benefits Assessment for Restoration of Wetlands on Cranberry Farmland

Wednesday, December 15, 2021 - 3:00 p.m.-4:30 p.m. Eastern

Presenter:



► Glorianna Davenport, Living Observatory, Plymouth, MA

[More Information](#)

[Register Here](#)

A Certificate of Participation to be used toward Continuing Education Credits will be available for participation in all LIVE Webinars. ASWM members receive free Certificates of Participation. Non-Members who request a certificate will be charged a processing fee of \$25.00. Certificates are not available for viewing recorded webinars. [Click here](#) for more information.

Recoding Available ASWM Members' Webinar Series

Megafires Be Dammed: Can Beaver-created Fire Refugia Persist Through Extreme Wildfire Events?

Held Wednesday, October 27, 2021 - 3:00 p.m.-4:30 p.m. Eastern

Presenter:



► Emily Fairfax, Ph.D. California State University Channel Islands

To view the members' webinar, please [login here](#), then navigate to the Members' Webinar Series. Please contact us at laura@aswm.org or (07) 892-3399 if you need assistance logging in. If you are not currently a member, [click here](#) to join ASWM.

National News



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Photo by Laura Burchill, ASWM

6 takeaways from the U.N. climate conference

By The NYC Daily Post – November 13, 2021

Before it started, the United Nations global climate summit in Glasgow known as COP26 was billed by its chief organizer as the “last, best hope” to save the planet. Halfway through, optimistic reviews of its progress noted that heads of state and titans of industry showed up in force to start the gathering with splashy new climate promises, a sign that momentum was building in the right direction. On Saturday, diplomats from nearly 200 countries struck a major agreement aimed at intensifying efforts to fight climate change, by calling on governments to return next year with stronger plans to curb their planet-warming emissions and urging wealthy nations to “at least double” funding by 2025 to protect the most vulnerable nations from the hazards of a hotter planet. [Read more here.](#)

EPA and DOI Announce Recommitment to Federal Partnership in Support of Urban Waters

U.S. Environmental Protection Agency – November 9, 2021

Today, the U.S. Environmental Protection Agency (EPA), the U.S. Department of the Interior, 13 other federal agencies, and non-governmental partners commemorated a decade of accomplishments under the Urban Waters Federal Partnership while pledging their recommitment to this partnership. Twenty partnership locations across the country are advancing economic, public health, environmental, and social benefits by enhancing community connections to water. “With the 10th anniversary of the Urban Waters Federal Partnership and the 50th anniversary of the Clean Water Act, EPA is celebrating transformational improvements to our waters—including in our urban centers,” said EPA Assistant Administrator for Water Radhika Fox. “The Urban Waters Federal Partnership is supporting communities across the country, from the Bronx to Los Angeles to our newest location—the Rio Reimagined project in Arizona. I look forward to accelerating this progress with our renewed commitment.” [Read more here.](#)

Wetland Reserve Enhancement Partnership: USDA Natural Resources Conservation Service Approves Funding for Historically Underserved Producers (Including Arkansas)

By Mitchell, Williams, Selig, Gates & Woodyard, P.L.L.C. – JDSUPRA – November 9, 2021

The United States Department of Agriculture Natural Resources Conservation Service (“NRCS”) announced in a November 3rd news release that it is investing 11 million dollars in partnerships to restore wetlands for projects that bring together partners and landowners to voluntarily return wetland functions to agricultural landscapes. The funding is for two new projects and additional funding to existing ones that are described as prioritizing high-impact projects and provide assistance to historically underserved farmers and ranchers. [Read more here.](#)

Deadline Extension for Regional Roundtable Discussions Regarding “Waters of the United States”

Federal Register – November 8, 2021

On October 13, 2021, EPA and the Army (the agencies) [announced a process](#) for stakeholders to nominate a slate of participants to potentially be selected as one of ten geographically focused roundtables. These regional roundtables will be hosted by EPA and the Army and will enable stakeholders with a range of perspectives to discuss their implementation experiences with “waters of the United States” (WOTUS), including challenges and opportunities to provide greater clarity within their geographic areas. In response to robust interest in these regional roundtables, [the agencies have extended the deadline for submissions to Wednesday, December 1, 2021](#). A Federal Register Notice providing this extension and additional clarifications is [available here](#).

Federal Interagency Working Group Reconvened to Improve Protections for Endangered Species and Enhance Transparency

U.S. Environmental Protection Agency – November 3, 2021

Today, the U.S. Environmental Protection Agency (EPA), the White House Council on Environmental Quality (CEQ), Department of Agriculture, Department of Commerce, and Department of the Interior are reaffirming their commitment to working together and with stakeholders to protect endangered species, provide effective pest control tools, and regulate pesticide use in a fair, transparent, and predictable manner. Last month, all five agencies met as part of the Interagency Working Group (IWG) created under the 2018 Farm Bill to discuss improvements to the Endangered Species Act (ESA) section 7 consultation process for pesticide registration and registration review. The group’s first meeting under the Biden-Harris Administration resulted in specific commitments to improve the pesticide consultation process for endangered species and engaging stakeholders, including by capitalizing on the strong interest among stakeholders for a workable process. [Read more here](#).

Biden Climate Plan to Save Forests Pivots on Swamps, Wetland (1)

By Bobby Magill – Bloomberg Law – November 2, 2021

Protecting peatlands—carbon-dense swamps and forested wetlands found worldwide—are crucial to President Joe Biden’s forest conservation plan announced Tuesday at the United Nations climate summit in Glasgow. Peatlands are among the “critical ecosystems” the White House [plan](#) says are essential to turning down the heat on climate change—a move hailed by U.N.-affiliated organizations promoting peatland protection at the 26th Conference of the Parties of the United Nations Framework Convention on Climate Change. [Read more here](#).

A Biden climate adviser explains how the U.S. plans to meet its climate goals

By Noel King – npr – November 1, 2021

NPR’s Steve Inskeep talks to White House National Climate Adviser Gina McCarthy about what to expect from the COP26 Summit in Glasgow, Scotland, and what’s at stake if agreements are not made. [Read more here](#).

Biden administration plans roll backs of Trump-era Endangered Species Act rules

By Ben Lefebvre – Politico – October 27, 2021

The Biden administration will formally introduce regulatory proposals to rescind changes the Trump administration made to how agencies interpret parts of the Endangered Species Act, according to documents scheduled to be filed in the Federal Register on Wednesday. [Read more here](#).

Jon A. Kusler Scholarship Award

For our 2021 campaign, we're asking for you to support our future wetland professionals.

In honor of ASWM's founder, Dr. Jon A. Kusler, Esq., ASWM has established the Jon A. Kusler Student Scholarship Award, a competitive award to fund all expenses for one or more students studying wetland science, law or policy (either undergraduate or graduate level) to attend ASWM's annual State/Tribal/ Federal Coordination meeting. Contributions to the scholarship award will ensure that Jon's legacy lives on by building the capacity of the next generation to protect and restore our nation's wetlands.

[Donate here to the Jon A. Kusler Student Scholarship Award](#)



"Scott and I founded ASWM with two goals—to support state wetland programs and to support national wetland policy reflecting sound wetland science."
— Jon Kusler

#GIVING
TUESDAY

November 30, 2021



Photo by Laura Burchill, ASWM

UPCOMING HOT TOPICS WEBINARS

Risk Reduction for Mitigation Projects: Perspectives on Financial Assurances' Best Practices: Part 1 of 2: Letters of Credit & Escrow Accounts

Tuesday, December 7, 2021 - 3:00 p.m.-4:30 p.m. EST

Presenters:



Steve Martin, Retired
Institute for Water Resources
U.S. Army Corps of Engineers



Steve Moore
Vice President of Finance
Westervelt Ecological
Services, LLC



Amelia Savage
Environmental Attorney
Stearns Weaver Miller

[More Information](#)

[Register Here](#)

Risk Reduction for Mitigation Projects: Perspectives on Financial Assurances' Best Practices: Part 2 of 2: Casualty Insurance & Surety Bonds

Tuesday, December 14, 2021 - 3:00 p.m.-5:00 p.m. EST

Presenters:



Steve Martin, Retired
Institute for Water
Resources, U.S. Army
Corps of Engineers



Alexander Dam
Director, Surety &
Performance Security,
Aon



Chris Baker
Principal
Conservation United



Robert Spoth
President
Ecosystems Insurance

[More Information](#)

[Register Here](#)

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State and Tribal News



ASWM Webinars

New and Recorded Webinars & Trainings
ASWM Webinars

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Photo by Marla Stelk, ASWM

AL: Gulf Shores acquires more wetland for preservation

By John Mullen – OBA – November 11, 2021

The city is adding 170 acres of wetlands for preservation in a part of Gulf Shores that already has more than 1,000 acres preserved. The council gave the go-ahead for the transfers during the Nov. 8 regular session. We're getting 170 acres that we can preserve in perpetuity adjacent to the Bon Secour wetland mitigation bank which is also adjacent to city-owned wetland properties," City Planner Andy Bauer said. "With the wetland, a lot of people don't realize is that between Baldwin County and the city we'll have 1,300 of wetlands in that area. This includes the Oyster Bay wetlands north but it does not include the 450 or 500 acres we have on the south side of the Intracoastal Waterway around Oyster Bay also." [Read more here.](#)

AK: New court ruling clears path for Bristol Bay Clean Water Act protections

By Kirk Moore – National Fisherman – October 31, 2021

Bristol Bay fishing advocates say a federal court ruling Friday, Oct. 29, enables the U.S. Environmental Protection Agency to restart a process to protect the bay watershed from plans to develop the Pebble Mine under the federal Clean Water Act. The order by U.S. District Court Judge Sharon Gleason in Anchorage came in response to a recent motion by the Pebble Limited Partnership and state of Alaska, asking the court to set a schedule for the EPA to either withdraw or finalize a 2014 proposal during the Obama administration that would have restricted mining and waste disposal. [Read more here.](#)

AZ: Biden to propose 20-year new drilling ban near sacred tribal site in New Mexico

By Rachel Frazin – The Hill – November 15, 2021

The Biden administration on Monday announced that it will propose a 20-year ban on new mining and oil and gas drilling in the area surrounding Chaco Canyon — a New Mexico site with significance to Native American tribes. The Interior Department [said Monday that it will propose](#) making lands surrounding Chaco Canyon, which itself is already protected as a National Historical Park, ineligible for new oil and gas leasing or new mining claims. [Read more here.](#)



AZ: EPA provides over \$23 million for environmental improvements on tribal lands in Arizona

Contact: Soledad Calvino and Joshua Alexander – U.S. Environmental Protection Agency – November 9, 2021
As the U.S. Environmental Protection Agency (EPA) marks November as Native American Heritage Month, the agency is announcing over \$23 million in funding to 17 tribes in Arizona to invest in environmental protection programs and water infrastructure. This funding includes more than \$12 million in grants and nearly \$11 million in interagency agreements. “Tribes are essential partners in helping us meet our mission of protecting human health and the environment across the country,” said EPA Pacific Southwest Tribal, Intergovernmental and Policy Acting Director Bridget Coyle. “EPA is proud to announce these awards, which are a crucial funding tool to ensure Tribes can sustain and grow their environmental programs and departments.” [Read more here.](#)

AR: USDA to invest millions to restore Arkansas wetlands

By C. C. McCandless – KNWA Fox 24 – November 5, 2021
The U.S. Department of Agriculture (USDA) is investing \$11 million in five Wetland Reserve Enhancement Partnership (WREP) projects to bring together partners and landowners to voluntarily return critical wetland functions to agricultural landscapes. Two ongoing Arkansas projects are recipients of some of the funding. [Read more here.](#)

CA: EPA provides over \$25 million for environmental improvements on tribal lands in California

Contact: Soledad Calvino and Joshua Alexander – U.S. Environmental Protection Agency – November 9, 2021
As the U.S. Environmental Protection Agency (EPA) marks November as Native American Heritage Month, the agency is announcing over \$25 million in funding through grants and interagency agreements to 85 tribes in California to invest in environmental programs and water infrastructure. EPA funding to tribes in California will support projects on water quality monitoring, watershed protection and restoration, tribal drinking water and wastewater infrastructure, plant operator training and technical assistance. Tribes in California will also use EPA funding to develop programs to build capacity for shared prevention resources to prevent releases of hazardous substances into the environment, monitor, protect and improve air quality, and build public awareness of these efforts. [Read more here.](#)

CO: Colorado Gov Announces New State Park in Western Mountains

U.S. News – October 20, 2021
A private ranch with ponds, springs and rare wetland plants in [Colorado](#)'s western mountains will be part of a new state park, Gov. Jared Polis announced Wednesday. Joined by state and federal parks officials, Polis announced the 488-acre ranch near Sweetwater Lake in a northwestern county which borders [Utah](#), will become part of the White River National Forest. The ranch land near the Flat Tops Mountain range was acquired in the federal park service's Land and Water Conservation Fund purchase on Aug. 31. [Read more here.](#)

FL: Cutler Bay's Push for Wetland Conservation

By Senator Ileana Garcia and Mayor Tim Meerbot – Miami's Community News – October 29, 2021
Cutler Bay looks to restore 8.435 acres of wetlands that buffer the Biscayne Bay Coastal Wetlands to serve as a conservation area that will offer an opportunity to immerse oneself in this unique South Florida habitat. [Read more here.](#)

IA: Newly discovered easements and restrictions may throw snag into Louisa County wetland efforts

By Jim Rudisill – The Hawk Eye – November 5, 2021

An effort to establish a federal wetland easement on more than 920 acres of the Louisa County Conservation Board's Indian Slough Wildlife Area north of Wapello is in question after federal officials discovered easements or other restrictions may already be attached to about 200 acres of the area.

[Read more here.](#)

MD: Court puts Maryland oyster restoration project on hold

By Timothy B. Wheeler – Bay Journal – November 12, 2021

Maryland's oyster restoration efforts on the Lower Eastern Shore have been put on hold — at least for now — by a court order barring the state from proceeding with plans to build reefs in the Manokin River. Acting on a lawsuit filed by the elected commissioners of Somerset County, a Circuit Court judge issued a temporary restraining order Nov. 9 prohibiting the Department of Natural Resources from going ahead with reef construction in the Manokin, which flows into Tangier Sound below Deal Island. The project had been expected to begin in a matter of weeks. [Read more here.](#)

MA: Inside the effort to save a tiny, endangered turtle in western Mass.

By Hannah Chanatry – wbur – November 1, 2021

Angela Sirois-Pitel stands shin-deep in mud, surrounded by grass and poison sumac. She's holding a large antenna above her head, listening for a slow and steady beep. Sirois-Pitel is a stewardship manager for [The Nature Conservancy](#). And she's searching for bog turtles. [Read more here.](#)

MI: Wetland Permit Approved for Industrial Shredder in Howell

By Jon King – WHMI – October 22, 2021

The Michigan Department of Environment, Great Lakes and Energy (EGLE) has approved a wetland permit being sought by a Howell company planning to install a controversial industrial shredder. [Read more here.](#)

MN: Minnesota Getting \$74M Federal Grant to Restore, Protect Wetland Habitat

Minnesota will be getting \$74 million in funding for the conservation and protection of wetland habitat and migratory birds. The funds will directly impact communities in southern Minnesota, southwestern Minnesota, and along the Red and Minnesota rivers. The funding is being granted through the North American Wetlands Conservation Act. [Read more here.](#)

MS: 'There's going to be no fishing.' Can Mississippi marshes be saved from sea level rise?

By Anita Lee – The News & Observer – October 25, 2021

Chris Lagarde and David Resor knew a man-made canal was widening in the Hancock County marsh, but they had no idea just how much marsh had been lost over two decades. Resor had been fishing the marshes since the 1970s, while Lagarde worked in the 1980s as a field biologist tagging redfish at the canal's mouth in Heron Bay. Like others attuned to the value of Gulf Coast marshes, they have been watching them shrink. The canal, dug decades ago for a gas pipeline, was at least twice as wide as it had been on their last visit to Heron Bay more than 15 years earlier, they said. [Read more here.](#)

NV: EPA provides nearly \$5 million for environmental improvements on tribal lands in Nevada

Contact: Soledad Calvino and Joshua Alexander – U.S. Environmental Protection Agency – November 9, 2021
As the U.S. Environmental Protection Agency (EPA) marks November as Native American Heritage Month, the agency is announcing nearly \$5 million in funding to 18 tribes in Nevada to invest in environmental programs. EPA awarded the funds to tribes in Nevada for water quality monitoring, watershed protection and restoration. Tribes will also use EPA funding to implement reservation-wide recycling programs, pilot curbside recycling, and develop programs to monitor, protect and improve air quality while also building public awareness of these efforts. [Read more here.](#)

NY: Beavers Wreaking Havoc on New York Town's Water Supply

NBC New York – October 24, 2021

A furry, four-legged scourge is wreaking havoc on a Hudson Valley town's water supply, forcing local officials to scramble to keep up. The culprits are a family of beavers that has been building dams near Mechanicville, impeding the flow of water from the primary stream that empties into the small reservoir the town depends on for drinking water. [Read more here.](#)

NC: The Walnut Creek Wetlands: A Story of Restoration and Community Perseverance

By Alicia Yodlowsky – American Rivers – October 27, 2021

The area surrounding the [Walnut Creek Wetland Park](#) in Raleigh, North Carolina, has an inspirational history of restoration work. From the 1990s onward, members of the community have worked to transform the once-polluted Walnut Creek, a tributary to the [Neuse River](#), into a nature and wetland education center where children and adults alike can learn about the [importance of keeping resources such as wetlands clean](#). The efforts of the community have continued beyond the original wetland cleanup events: today, work still continues to address pollution and flooding in the neighborhood.

[Read more here.](#)

RI: New RI Regulations Bring Environmental Protection, Development and Affordable Housing into Conflict

GoLocalProv – October 25, 2021

New regulations designed to protect Rhode Island's wetlands and reduce inconsistencies between state and community regulatory structures are working their way through the final approval process. The new framework would expand the Rhode Island Department of Environmental Management's jurisdiction by more than 23,900 acres across the state. The regulatory changes come at a time, however, when housing advocates say Rhode Island's land-use restrictions are limiting the development of new affordable housing and driving up the cost to build [Read more here.](#)

SC-GA: A unique marsh could vanish on SC-GA border. 'Nobody is going to hold back the tide.'

By Sammy Fretwell – The News & Observer – October 26, 2021

Rising seas are advancing on the South Atlantic coast, flooding cities and menacing most everything in their path, including the freshwater marsh system at the Savannah refuge. Saltwater that is deadly to some plants and animals threatens to move farther into rivers like the Savannah, the mighty waterway separating Georgia and South Carolina. [Read more here.](#)

VT: Alburgh looks to turn part of industrial park into recreation area

By Shaun Robinson – VTDigger – October 31, 2021

Alburgh officials plan to repurpose a 90-acre portion of the town's industrial park as a year-round recreation area, hoping it will be an asset for residents and attract new visitors to the nearby village center. Nearly all of the parcel off Industrial Park Road has been classified as a protected wetland by the state, and it's not suitable for industrial development, said Emily Klofft, a regional planner at the Northwest Regional Planning Commission who is working with the town. That's led officials to look into other uses for the land, Klofft said. [Read more here.](#)

VA: Uninhabitable By 2035: Study Predicts Tangier Towns Converting to Wetlands

By Jeremy Cox – Bay Journal News Service – Chesapeake Bay Magazine – November 11, 2021

Rising seas are engulfing Tangier Island so quickly that most of its remaining residents may be forced to flee the low-lying Chesapeake Bay community during the next decade, according to a bleak new assessment published Nov. 8 in *Frontiers of Climate*. The rest won't be too far behind — staying until 2053, it predicts. [Read more here.](#)

WA: AG Ferguson: Court strikes down Trump's attempt to gut Clean Water Act

Contact: Brionna Aho – Washington State Office of the Attorney General – October 22, 2021

Attorney General Bob Ferguson today announced that the court vacated, effective immediately and nationwide, the Trump Administration's attempt to dismantle key environmental protections in section 401 of the Clean Water Act. In July 2020, Washington, New York and California co-lead a broad coalition of 17 other states and the District of Columbia in [filing a lawsuit against the new section 401 rules](#), which handcuffed states' ability to police a wide range of water pollution and related environmental damage. [This ruling, issued today](#), is Ferguson's 43rd win against a Trump administration action. Over half of these wins are in environmental protection related cases. [Read more here.](#)

WI: Here's how Indigenous wild rice is helping restore wetlands in the Green Bay area

By Frank Vaisvilas – Green Bay Press Gazette – November 10, 2021

As Cindy Reffke looks out across the [Barkhausen Waterfowl Preserve](#), she imagines the [wild rice plants](#) that have disappeared, but are now desperately needed to restore the environment and sustain the waterfowl she loves. Reffke is president-elect of the [Appleton Breakfast Rotary Club](#), which helped gather volunteers and funding to assist in a [UW-Green Bay restoration project](#) this month to plant about 300 pounds of wild rice seeding in the Green Bay region. [Read more here.](#)

WI: Conservation partnerships help farmers, private landowners improve wetlands

By Dan Hansen – Wisconsin State Farmer – October 27, 2021

In Wisconsin and elsewhere, wetlands are often misunderstood and under-appreciated. Found where land and water meet, wetlands provide countless benefits to wildlife, landscapes and communities. In Wisconsin, we've already lost half of our wetlands, and of the wetlands that remain in the state, 75 percent are owned by farmers and other private landowners, giving them a vital role in wetland protection and restoration. [Read more here.](#)

WI: Developer 'banking' on wetlands for Kenosha County site

By Steve Chamraz – TMJ4 – October 25, 2021

When developer S.R. Mills looks out over 400 acres of land in the southeast corner of Kenosha County, he sees a place with great potential. Potential to look a lot like it did back when Wisconsin first became a state. "We'll go back and do native grassland plantings and return it to what it looked like in the 1850s," Mills said. Mills' company, Bear Real Estate, wants to turn this piece of farmland into wetland. [Read more here.](#)

ASWM Membership Benefits



ASWM supports and works with you to advance the field of wetland management, building your expertise while cultivating future wetland scientists & practitioners.

ASWM serves its members by:

- building capacity for state and tribal wetland programs,
- fostering collaboration among the wetland community of practice,
- 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 public.

Training & Professional Development — *Update or refresh your knowledge*

- Access to ASWM Online Trainings earning free Certificates of Completion. This growing library features two mini-courses (and a third by January 2022) with a total of 27 modules totaling nearly 30 hours of available training.
- Discounted registration at ASWM's Annual State/Tribal/Federal Coordination Meeting.
- Special ASWM Member discounts for select non-ASWM wetland trainings and courses.



Education & Resources — *Stay current on the latest tools and advances in the field, policy and legal issues from the Hill, and applied wetland science with exclusive online information*



- Complementary subscription to ASWM publications—the pulse on wetland happenings across the nation—delivered to your inbox.
 - ✓ **Wetland News** – ASWM's Member Newsletter (6 issues per year)
 - ✓ **Insider's Edition** – Weekly e-news
- Complementary registration to 8+ ASWM Members' Webinars and exclusive on-demand access to recordings.
- Members receive complementary Certificates of Participation for any ASWM webinar (a savings of \$25 each).
- **Coming Soon** – Access to a Members-only Federal Policy Tracking Tool to quickly sort through the dynamic landscape of wetland-related federal policy, such as WOTUS, CWA 401 and 404, among others.

Enhance Your Network — *with the wetland community of practice*

- Access to a national network of 1,300 wetland professionals including members from state and tribal wetland programs, federal agencies, the private sector and universities
- **Coming Soon** – Participate in Members-only Discussion Forums on a range of topics
- Submit wetland-related job notices to appear on the ASWM Job Board and Insider's Edition
- Corporate group memberships (10+ people) include logo with live link on ASWM's website



Impact & Leadership — *Take an active role in the Association and advance the field*



- Opportunities for involvement in ASWM Committees
- Eligible to join the Board of Directors
- Voting rights in Board of Directors elections and all issues brought to a member vote
- **Coming Soon** – Student mentorship program

Wetland Science News



Wetland Events

Waterfowl Weekend

Chincoteague National
Wildlife Refuge
November 25-28, 2021
Chincoteague, VA

Wetlands Exploration Days

Jackson Bottom Wetlands
Preserve
January 8, 15, 22, 29, 2022
Hillsboro, OR

Wander at the Wetland: Full Moon Snowshoe & Hike 2022

Natural Land Institute
January 17, 2022
Rockton, IL

See Calendar of Events
Below

Photo by Sharon Weaver, ASWM

Kelp's Carbon Sink Potential Could Be Blocked by Coastal Darkening

By Doug Johnson – Hakai Magazine – November 1, 2021

In New Zealand's Hauraki Gulf, waves crash against cliffs and pull dirt into the ocean, while boats and storms stir up silt from the seafloor. Rivers carry fertilizer from the mainland that causes light-blocking algal blooms, which mingle with pollution from nearby Auckland. Together, they cloud the coastal ocean, depriving organisms living deeper in the water column of their main source of energy—sunlight. As an environmental threat, this phenomenon, called coastal darkening, is relatively understudied. There is a growing body of work trying to understand how coastal darkening occurs and what it could mean for the ocean and the life within it. [Read more here.](#)

Two New NSF BIO Directorate Broadening Participation Programs

National Science Foundation – October 28, 2021

The last year-and-a-half has shown NSF's Directorate for Biological Sciences (BIO) the need for ongoing and new efforts to broaden participation and enhance diversity in the biological sciences given the disproportionate impacts of the COVID-19 pandemic on individuals in historically under-represented groups, those at historically under-served institutions, and on those institutions themselves. Of course, these issues did not arise during the pandemic. They are historic and COVID-19 has only heightened them. [Read more here.](#)

Share Your Wetland Photos!



The Association of State Wetland Managers (ASWM) is hoping you'll share a variety of your wetland photos (wetlands, flora, fauna, and wetland friends) for ASWM to use in our social media posts and ASWM publications.

Photos should be submitted in .jpg, .png, or .pdf format and have a file size between 100KB – 10MB.

If you have any questions, please email [Sharon here.](#)

Thank you and we look forward to receiving your photos!

Share Your
Wetland
Photos
Here

Photo by Hilary Morey, SD Game, Fish and Parks

Bags That Give Back: The Association of State Wetland Managers Selected to Benefit in Hannaford Community Bag Program Designed to Give Back in Local Communities

We'd like to send out a heart-felt THANK YOU to the wetland friends who've supported the Association of State Wetland Managers (ASWM) during the November Hannaford Community Bag Program! Your purchases support our environment in a couple of ways: reducing single-use plastic bags in the environment and supporting an organization dedicated to protecting the nation's wetlands.



There's still time to participate! For our friends in MA, ME, NH, NY, and VT, when you purchase a Community Bag at your local store, you can direct \$1 of the purchase price to ASWM. Follow the instructions on the attached Giving Tag and select ASWM as the non-profit recipient.

For more information about the Hannaford Community Bag Program, please visit hannaford.bags4mycause.com.

New ASWM Headquarters



500 Washington Avenue,
Suite 201
Portland, ME 04103
207-892-3399
Fax: 207-894-7992

ASWM'S WETLAND JOBS BOARD

Postdoctoral Scholar in Watershed science, climate science, data science, artificial intelligence and/or hydro-economics (multiple hires)

University of California, Merced
Next review: December 1, 2021

Assistant or Associate Professor in Agroecology & Watershed Ecology

University of California, Santa Cruz
Santa Cruz, CA
Review date is January 3, 2022

Farm Bill Wildlife Biologist I or II

Pheasants Forever and Quail Forever
Plymouth, IN
Apply by November 30, 2021

Wetlands Ecology instructor (temp)

University of Southern Maine
Gorham ME
Apply by November 19, 2021

Environmental Analyst

NEIWPC
Lowell, MA
Apply by November 21, 2021

Environmental Program Analyst

North Carolina Department of Public Safety
Raleigh, NC
Apply by November 24, 2021

Environmental Specialist II

North Carolina Department of Environmental Quality
Winston Salem, NC
Apply by November 24, 2021

Plants Restoration Technician

Coos Watershed Association
Coos Bay, OR
Apply by November 24, 2021

Visit the ASWM Wetland Jobs Board Here

GRANT OPPORTUNITIES

U.S. Environmental Protection Agency Environmental Education (EE) Grants

Apply by December 6, 2021

WaterSMART Environmental Water Resources Project for Fiscal Year 2022

Bureau of Reclamation
Apply by December 9, 2021

2022 Wetland Foundation Travel Grants - for Students

Apply by December 18, 2021

International Coral Reef Conservation Grants & Cooperative Agreements

NOAA
Funding No.: NOAA-NOS-OCM-2022-2006993

Resources and Publications



Visit
ASWM
on
Social
Media



Photo by Marla Stelk, ASWM

National Wetland Plant List

U.S. Army Corps of Engineers – Federal Register – November 10, 2021
The U.S. Army Corps of Engineers (USACE), as part of an interagency effort with the U.S. Environmental Protection Agency (EPA), the U.S. Fish and Wildlife Service (FWS) and the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS), is announcing the availability of the final 2020 National Wetland Plant List (NWPL). The NWPL provides plant species indicator status ratings, which are used in determining whether the hydrophytic vegetation factor is met when conducting wetland delineations under the Clean Water Act and wetland determinations under the Wetland Conservation Provisions of the Food Security Act. Other applications of the NWPL include wetland restoration, establishment, and enhancement projects. [Read more here.](#)

USACE presents South Atlantic Coastal Study (SACS)

By Zlatan Hrvacevic – Dredging Today – October 26, 2021
The U.S. Army Corps of Engineers recently released the Draft South Atlantic Coastal Study (SACS) Main Report which provides a strategic framework of potential options (recommendations) to address problems within the SACS area. The SACS is a comprehensive study that applies watershed planning concepts to identify actions for advancing coastal resilience along the 65,000 miles of tidally influenced shoreline across North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Puerto Rico, and the U.S. Virgin Islands. The study focuses on maintaining and adapting projects and programs that are successfully addressing coastal risk while advancing emerging methods. [Read more here.](#)

Free ASWM Wetland Publications

We have limited quantities of ASWM publications available – only pay for shipping cost.



See a List
of
Publications
Here

Coming in December Compensatory Mitigation Online Training Webinars

The Association of State Wetland Managers (ASWM) and the U.S. Army Corps of Engineers (Corps) developed and provided advanced training materials for current and future Corps regulatory staff engaged in reviewing, approving, and monitoring compensatory mitigation. However, the audience for the training modules could also include other people who are working with or running compensatory mitigation programs. The nine recorded webinars build on the information from each preceding webinar and are available for anytime, anywhere learning.

As an added feature, learners will have the option to test their progress via knowledge-based quizzes.

For more information, visit ASWM's Online Trainings page in December [here](#).

Photo by Laura Burchill, ASWM

Explore Wetlands

[Okefenokee National Wildlife Refuge](#)

Folkston, GA

[Crosswinds Marsh](#)

New Boston, MI

[Cameron Prairie National Wildlife Refuge](#)

Bell City, LA

[Wharton State Forest](#)

Hammonton, NJ

[Blackwater National Wildlife Refuge](#)

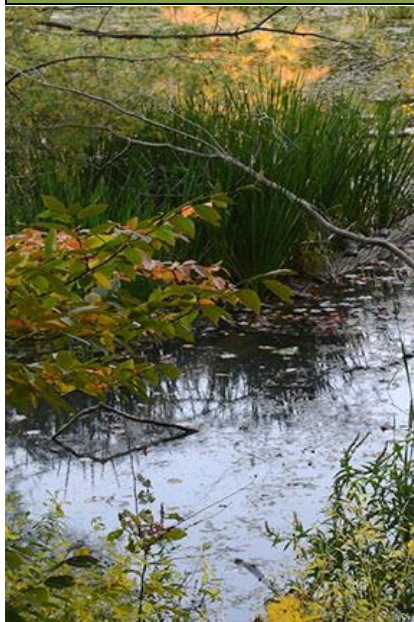
Cambridge, MD

[Madison Wetland Management District](#)

Madison, SD

Photo by Sharon Weaver, ASWM

Potpourri



**Donate
to
ASWM**

**Help
Support
Wetlands**

Donate Here



Photo by Sharon Weaver, ASWM

New Feature-Length Documentary Addresses the Global Issue of Toxic Algal Blooms and Their Impact on Local Communities

Plastic Oceans – November 11, 2021

Plastic Oceans International announces today that production has been completed on *The Erie Situation*, a new feature-length documentary, produced with Great Lakes Outreach Media, that explores the toxic algal blooms of Lake Erie – an issue facing freshwater sources worldwide. As climate, politics, and agricultural interests collide, the health of Lake Erie – and that of humans – hang in the balance as this compelling story unfolds in the greater Toledo, Ohio, area. Directed by David J. Ruck, this 72-minute film serves as a wake-up call for politicians, big agriculture, and citizens everywhere that their bodies of water are at risk of becoming toxic. [Read more here.](#)

Natural capital is missing in infrastructure investments

By Stephen Posner, Ph.D. and Lydia Olander, Ph.D. – The Hill – November 9, 2021

While congressional leaders debate trillions of dollars of federal spending, they have a critical blind spot. Discussions about where to focus investments in infrastructure and what to build are not informed by a complete accounting of the nation's assets, leaving out many critical services that nature provides. As a result, billions of dollars could be squandered — along with the ability to improve the well-being of our communities. [Read more here.](#)

Early-Career Scientists Face a Wall of Unpaid Positions

By Ashley Braun – Hakai Magazine – November 8, 2021

In late 2019, Anna Osiecka was looking for a job. Yet posting after posting for early-career positions in her highly competitive field, studying marine mammals, had the same glaring flaw: they didn't seem to actually pay anything. Osiecka was between graduate programs and figured it was just her. But while volunteering at a major science conference in Spain, Osiecka spoke with others who'd run into the same thing. [Read more here.](#)

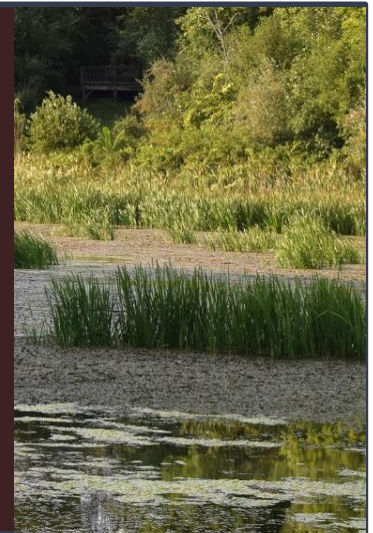
Climate Adaptation Scientists of Tomorrow Program

Contacts: Olivia LeDee – USGS – 2021

To advance climate adaptation science and increase diversity, equity, and inclusion in STEM fields, the Climate Adaptation Scientists of Tomorrow Program brings undergraduate students, graduate students, and faculty together with CASC partners to cultivate the next generation of climate scientists. [Read more here.](#) Applications due on Monday, December 20, 2021.

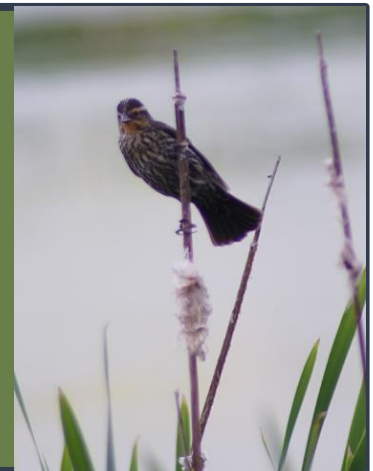
Podcasts of Interest

- [Prairie Rivers Network Podcast: 30 X 30: A New Conservation of, By, and for the People](#)
- Penn State Institutes of Energy and the Environment Podcast: [Growing Impact: A Cache of Coastal Carbon](#)
- National Geographic Podcast: [March of the Beavers](#)



Environmental Events

- December 4 – Wildlife Conservation Day
- December 5 – World Soil Day
- January 5 – National Bird Day
- February 2 – World Wetlands Day



Miami University - Project Dragonfly

Now accepting applications for 2022

- [Advanced Inquiry Program](#)
- [Global Field Program](#)
- [Earth Expeditions](#)
- [Learn More Here](#)



Photo by Tom Douglas,
Bayou Preservation Association

Calendar of Events

WEBINARS 2021

NOVEMBER 2021

November 17, 2021 4:00 p.m. EDT	Northeast Climate Adaptation Science Center (NECASC) Webinar: Refugia are important but are they connected? Mapping well-connected climate refugia for species of conservation concern in the Northeastern U.S.
November 19, 2021 11:30 a.m. EDT	Wisconsin Wetlands Association: Wetland Coffee Break: State Natural Areas at 70: Still protecting Wisconsin's Wetland Gems®
November 30, 2021 3:00 p.m. EDT	The Wildlife Society Webinar: The Intersection of Climate Change, Renewable Energy, and Wildlife Conservation

DECEMBER 2021

December 1, 2021 4:00 p.m. EST	Northeast Climate Adaptation Science Center (NECASC) Webinar: Managing Waterfowl Harvest under Climate Change: Time-Dependent Optimal Policies to Address Non-Stationary Dynamics
December 1, 2021 8:30 p.m. EST	Laguana de Santa Rosa Foundation Webinar: Our Wild Watershed: Beavers
December 3, 2021 11:30 a.m. EST	Wisconsin Wetlands Association: Wetland Coffee Break: Anticipating the hydrologic consequences of Emerald Ash Borer invasion in tribal forested wetlands through a sapflux network
December 7, 2021 3:00 p.m. EST	Association of State Wetland Managers Hot Topics Webinar: Risk Reduction for Mitigation Projects: Perspectives on Financial Assurances' Best Practices: Part 1 of 2: Letters of Credit & Escrow Accounts
December 9, 2021 1:00 a.m. ET	River Network Webinar: Policy Opportunities at the Intersection of Community Development and Urban Waters – A Peer Exchange
December 10, 2021 11:30 a.m. EST	Wisconsin Wetlands Association: Wetland Coffee Break: Chemical control of cattail in species-rich wetlands
December 14, 2021 3:00 p.m. EST	Association of State Wetland Managers Hot Topics Webinar: Risk Reduction for Mitigation Projects: Perspectives on Financial Assurances' Best Practices: Part 2 of 2: Casualty Insurance & Surety Bonds
December 15, 2021 3:00 p.m. EST	Association of State Wetland Managers Members' Webinar Series: Conducting a Benefits Assessment for Restoration of Wetlands on Cranberry Farmland

MEETINGS 2021

NOVEMBER 2021

November 21, 2022 Fort Wayne, IN	Little River Wetlands Project: Wildlife & Wetlands Trivia Night
November 28, 2022 Alexandria, VA	Huntley Meadows Park: Hot Cocoa Wetland Night Hike
November 30-December 1, 2021 Nashville, TN	Invasive Plant Control, Inc.: Innovations in Invasive Species Management Conference and Training

DECEMBER 2021

December 13-17, 2021 New Orleans, LA	AGU Fall Meeting: Science is Society
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JANUARY 2022

January 6-8, 2022 Duck Key, FL	Everglades Coalition 37 th Annual Conference: Everglades Restoration: Investing in a Climate Resilient Future
January 19-21, 2022 Southern California	Climate Science Alliance: 2022 Southwestern Tribal Climate Change Summit
January 26-28, 2022 Virtual	The Stewardship Network Conference . Poster deadline is December 1, 2021

FEBRUARY 2022

February 1-2, 2022 Wilmington, DE	Delaware Department of Natural Resources and Environmental Control: 2022 Delaware Wetlands Conference: Strengthening Connection Between People, Lands, and Waters
February 15-17, 2022 Stevens Point, WI	Wisconsin Wetlands Association: Wetlands Science Conference
February 16-20, 2022 San Diego, CA	San Diego Audubon: San Diego Bird Festival: Birds of All Feathers, Come Flock Together

MARCH 2022

March 3-5, 2022 Baltimore, MD	Beaver Institute: BeaverCON Conference
March 16-18, 2022 Cleveland, OH	International Association of Great Lakes Research: State of Lake Erie Conference

APRIL 2022

April 6-8, 2022 Stevens Point, WI	University of Wisconsin: 2022 Wisconsin Lakes and Rivers Convention: Protecting What We Love for the Future
April 18-22, 2022 Oostende, Belgium	22nd International Conference on Aquatic Invasive Species
April 24, 2022 Fort Myers, FL	“Ding” Darling Wildlife Society: 33 Annual “Ding” Darling Day

MAY 2022

May 2022 Southern California	2022 Southwestern Tribal Climate Change Summit: Exploring the Fire Within Us
May 3-7, 2022 University of Toronto Scarborough, Canada	The International Society for Ecological Modelling Global Conference 2022: Ecological Models for Tomorrow’s Solutions
May 15-19, 2022 Orlando, FL	Association of State Floodplain Managers Conference
May 16-20, 2022 Grand Rapids, MI	Joint Aquatic Sciences Meeting
May 24-26, 2022 Muskegon, MI	Michigan Department of Environment, Great Lakes, and Energy: U.S. Great Lakes Areas of Concern Conference

JUNE 2022

June 4-7, 2022 Washington, DC	River Network: River Rally
June 7-8, 2022 Washington, DC	River Network and American Rivers: Action Day for Clean Water and Rivers
June 24-28, 2022 Cleveland, OH	American Society of Naturalists, the Society for the Study of Evolution, and the Society of Systematic Biologists Joint Meeting: Evolution 2022

AUGUST 2022

August 14-19, 2022 Montreal, Quebec, Canada	Ecological Society of America Annual Meeting: A Change is Gonna Come Deadlines: Important Dates
August 29-September 1, 2022 St. Paul, MN	Institute for Tribal Environmental Professionals: National Tribal & Indigenous Climate Conference

TRAINING/WORKSHOPS 2021

DECEMBER 2021

December 6, 2021 Online-12 Weeks	Swamp School: Stream Restoration Level I – Stream Physics & Fluvial Geomorphology
December 1, 2021 Online-16 Weeks	Swamp School: Certified Wetland Botanist/Winter Edition
December 6, 2021 Online-16 Weeks	Swamp School: Wetland Basic Delineation Training Free Wildnote trial subscription
December 6, 2021 Online-12 Weeks	Swamp School: Certified Wetland Hydrologist
December 7-8, 2021 Atlanta, GA	Duncan & Duncan West: Wetland Delineation Regional Supplement Coastal or Eastern Piedmont
December 13-16, 2021 Tampa, FL	Richard Chinn Environmental Training, Inc. Course: Wetland Delineation Training
December 14-16, 2021 Online	Duncan & Duncan West: Interagency Consultation for Endangered Species (Section 7)
December 15-16, 2021 Tampa, FL	Richard Chinn Environmental Training, Inc. Course: Regional Supplement Wetland Delineation Training

JANUARY 2022

January 9-14, 2022 Boston, MA	Boston University Course: Ecological Forecasting
January 10-11, 2022 Basking Ridge, NJ	Rutgers Office of Continuing Professional Education Course: Identification of Wetland Plants in Winter
January 10, 2022 Online-16 Weeks	Swamp School: Certified Wetland Botanist/Winter Edition



Photo by Sharon Weaver, ASWM

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- In the Midst of a Salmon Crisis, Alaska Native Villages Band Together
- Why Climate Change Could Put New Conservation Areas in Jeopardy
- Bipartisan Infrastructure Deal: A Historic Investment in Water
- Army Corps Halts Coverage Under Nationwide Permits

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- 6 takeaways from the U.N. climate conference
- EPA and DOI Announce Recommitment to Federal Partnership in Support of Urban Waters
- Wetland Reserve Enhancement Partnership: USDA Natural Resources Conservation Service Approves Funding for Historically Underserved Producers (Including Arkansas)
- Deadline Extension for Regional Roundtable Discussions Regarding “Waters of the United States”
- Federal Interagency Working Group Reconvened to Improve Protections for Endangered Species and Enhance Transparency
- Biden Climate Plan to Save Forests Pivots on Swamps, Wetland (1)
- A Biden climate adviser explains how the U.S. plans to meet its climate goals
- Biden administration plans roll backs of Trump-era Endangered Species Act rules

STATE AND TRIBAL NEWS

- AL: Gulf Shores acquires more wetland for preservation
- AK: New court ruling clears path for Bristol Bay Clean Water Act protections
- AZ: Biden to propose 20-year new drilling ban near sacred tribal site in New Mexico
- AZ: EPA provides over \$23 million for environmental improvements on tribal lands in Arizona
- AR: USDA to invest millions to restore Arkansas wetlands
- CA: EPA provides over \$25 million for environmental improvements on tribal lands in California
- CO: Colorado Gov Announces New State Park in Western Mountains
- FL: Cutler Bay's Push for Wetland Conservation
- IA: Newly discovered easements and restrictions may throw snag into Louisa County wetland efforts
- MD: Court puts Maryland oyster restoration project on hold
- MA: Inside the effort to save a tiny, endangered turtle in western Mass.
- MI: Wetland Permit Approved for Industrial Shredder in Howell
- MN: Minnesota Getting \$74M Federal Grant to Restore, Protect Wetland Habitat
- MS: 'There's going to be no fishing.' Can Mississippi marshes be saved from sea level rise?
- NV: EPA provides nearly \$5 million for environmental improvements on tribal lands in Nevada
- NY: Beavers Wreaking Havoc on New York Town's Water Supply
- NC: The Walnut Creek Wetlands: A Story of Restoration and Community Perseverance
- RI: New RI Regulations Bring Environmental Protection, Development and Affordable Housing into Conflict
- SC-GA: A unique marsh could vanish on SC-GA border. 'Nobody is going to hold back the tide.'
- VT: Alburgh looks to turn part of industrial park into recreation area
- VA: Uninhabitable By 2035: Study Predicts Tangier Towns Converting to Wetlands
- WA: AG Ferguson: Court strikes down Trump's attempt to gut Clean Water Act

- WI: Here's how Indigenous wild rice is helping restore wetlands in the Green Bay area
- WI: Conservation partnerships help farmers, private landowners improve wetlands
- WI: Developer 'banking' on wetlands for Kenosha County site

WETLAND SCIENCE NEWS

- Kelp's Carbon Sink Potential Could Be Blocked by Coastal Darkening
- Two New NSF BIO Directorate Broadening Participation Programs

RESOURCES/PUBLICATIONS

- National Wetland Plant List
- USACE presents South Atlantic Coastal Study (SACS)

POTPOURRI

- New Feature-Length Documentary Addresses the Global Issue of Toxic Algal Blooms and Their Impact on Local Communities
- Natural capital is missing in infrastructure investments
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- Climate Adaptation Scientists of Tomorrow Program

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- The International Society for Ecological Modelling Global Conference 2022: Ecological Models for Tomorrow’s Solutions
- Association of State Floodplain Managers Conference
- Joint Aquatic Sciences Meeting
- Michigan Department of Environment, Great Lakes, and Energy: U.S. Great Lakes Areas of Concern Conference

June 2022

- River Network: River Rally
- River Network and American Rivers: Action Day for Clean Water and Rivers
- American Society of Naturalists, the Society for the Study of Evolution, and the Society of Systematic Biologists Joint Meeting: Evolution 2022

August 2022

- Ecological Society of America Annual Meeting: A Change is Gonna Come
- Institute for Tribal Environmental Professionals: National Tribal & Indigenous Climate Conference

TRAININGS/WORKSHOPS

November 2021

- Wetland Training Institute Course: Demystifying Wetland and In-Water Permitting in Washington State
- Richard Chinn Environmental Training, Inc. Course: Wetland Delineation Training
- Duncan & Duncan West: Advanced Hydric Soils, Atypical Wetlands, and Hydrology (Coastal Plain or Eastern Mountains/Piedmont)
- Richard Chinn Environmental Training, Inc. Course: Regional Supplement Wetland Delineation Training

December 2021

- Swamp School: Stream Restoration Level I – Stream Physics & Fluvial Geomorphology
- Swamp School: Certified Wetland Botanist/Winter Edition
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January 2022

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- Rutgers Office of Continuing Professional Education Course: Identification of Wetland Plants in Winter
- Swamp School: Certified Wetland Botanist/Winter Edition



Photo by Laura Burchill, ASWM



The Association of State 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 fifteen years and ASWM 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 Association of State Wetland Managers. Send your news items, comments, corrections, or suggestions to <mailto:news@aswm.org>.

"WETLAND NEWS DIGEST" Compiled by Tessa Paulsen, Intern; and edited by Marla Stelk, Executive Director; Laura Burchill and Sharon Weaver, Assistant Editors, Association of State Wetland Managers, 32 Tandberg Trail, Ste. 2A, Windham, ME 04062. Telephone: 207-892-3399; Fax: 207-894-7992.

Send your news items, events, comments, corrections, or suggestions to news@aswm.org



Photo by Laura Burchill, ASWM