



WETLAND NEWS DIGEST

Monthly News Digest of the Association of State Wetland Managers

January 2022

Editor's Note

Dear Wetlanders,

I hope the new year is starting off on a positive note for all of you. Although the after-holidays increase in COVID-19 infections nationwide has dampened our spirits a bit, I am still optimistic about our chances of finally moving beyond the pandemic in 2022 and back into some sense of normalcy. The Association of State Wetland Managers (ASWM) is still planning on holding its annual [State/Tribal/Federal Coordination meeting](#) in person March 28 - April 1, 2022, at the National Conservation Training Center if circumstances allow.

On the federal policy side of things, there is still a lot of activity. As you will see in my Editor's Choice section, the [decision by the Army Corps of Engineers](#) to not rely on 404 jurisdictional permitting decisions made under the Navigable Waters Protection Rule is bound to create much tension and debate. I also included a story that gives tribute to the lives of recently [deceased Thomas Lovejoy and Edward O. Wilson](#) – two incredibly prominent and pioneering naturalists. The work of Thomas Lovejoy, in particular, had a tremendous influence on my professional career and the world of conservation biology and ecology owe an enormous debt to both scientists for all their collective years of hard work and groundbreaking research.

In State and Tribal News, you will find a [story of particular importance to tribes](#) regarding the U.S. Environmental Protection Agency's decision to withdraw and reconsider a Trump administration decision to grant Oklahoma authority over environmental issues on tribal land. This decision could have far reaching implications for tribal sovereignty. And in Potpourri, we have included an inspiring story about how one [scientist/artist](#) is using her talents to create sculptures exploring the effects of sea-level rise.

I also am pleased to announce that Audra Martin, ASWM's Program Support Specialist, will be taking over the editorial responsibilities for *Wetland News Digest* starting next month. As always, if you have any news stories to share with us, please send them to news@aswm.org.

Best wishes for a healthy and productive 2022!

Marla J. Stelk
Editor, *Wetland News Digest*



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GET A DEMO

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 Marla Stelk, ASWM

Clean Water Act policy could spur widespread disarray

By Hannah Northey – E&E News – January 14, 2022

The Biden administration last week quietly and abruptly announced that developers can no longer rely on decisions made under a high-profile Trump-era Clean Water Act rule about which waters are federally protected to obtain new permits. Legal experts say the move could have far-reaching effects throughout the building, mining and agricultural sectors. At issue is a Jan. 5 [post](#) on the Army Corps of Engineers website explaining the agency will “not rely on” an approved “jurisdictional determination” issued under the Trump-era Navigable Waters Protection Rule “in making a new permit decision.” EPA did not immediately respond when asked about the policy and its possible ramifications. [Read more here.](#)

‘They saw bigger things’: Richard Leakey, Edward O Wilson and Thomas Lovejoy remembered

By Patrick Greenfield – The Guardian – January 13, 2022

Over Christmas and the new year, three of the world’s leading naturalists died. Thomas Lovejoy, a conservation biologist credited with [popularising the term “biodiversity”](#) and a passionate defender of the Amazon, died on 25 December. A day later, Edward O Wilson, known to many as [the “modern-day Darwin”](#), died in Burlington, Massachusetts. On 2 January, Richard Leakey, [a world-renowned Kenyan conservationist](#) who helped establish Africa as the birthplace of humankind, died at his home in Nairobi. [Read more here.](#)

Original caretakers: Indigenous groups team up with conservationists to protect swaths of US

By Hallie Golden – The Guardian – January 3, 2022

In 2020, an environmental non-profit returned over a dozen acres in Oregon to the Clatsop-Nehalem Confederated Tribes. Two months later, a conservation group worked with the Esselen Tribe of Monterey county to return more than 1,000 acres in California to the tribal group. And then late last year, in one of the largest transfers of its kind, an environmental organization returned thousands of acres of wildlife rangeland in [Washington state](#) to the Colville Tribes. [Read more here.](#)

Upcoming ASWM Members' Webinar Series

Members' Only Webinars - [Join ASWM Here](#)

Transforming Communications with the Public about Water Quality: How to Use EPA's "How's My Waterway" Data Application



Wednesday, January 26, 2022 – 3:00 p.m.–4:30 p.m. Eastern

Presenter:

Kiki Schneider, U.S. Environmental Protection Agency

[Register Now](#)

[More Information](#)

Coastal Wetland Migration as a Climate Change Resiliency Strategy: Conservation Planning and Decision Making



Wednesday, February 23, 2022 – 3:00 p.m.–4:30 p.m. Eastern

Presenter:

Mary Schoell, NOAA Digital Coast Fellow

[Register Now](#)

[More Information](#)

Managing Impacts to Wetlands from Solar Development



Wednesday, April 27, 2022 – 3:00 p.m.–4:30 p.m. Eastern

Presenter:

Laura Lapierre, Vermont Department of Environmental Conservation

[Register Now](#)

[More Information](#)

A Certificate of Participation to be used toward Continuing Education Credits will be available for this webinar. Free Certificates of Participation are a benefit of [ASWM membership](#). 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.

National News



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Photo by Marla Stelk, ASWM

Nearly half of GDP in cities at risk of disruption from nature loss

By Zack Budryk – The Hill – January 17, 2022

Loss of biodiversity and nature could put up to \$31 trillion of cities' gross domestic product (GDP) at risk, [according to research released Monday](#) by the World Economic Forum. More than 70 percent of the 576 biggest urban centers worldwide, comprising more than 1.4 billion people, are at elevated or extreme risk from environmental hazards like pollution, water contamination or extreme heat, according to the report. [Read more here.](#)

150 ex-EPA staffers ask Virginia lawmakers to oppose Wheeler nomination

By Rachel Frazin – The Hill – January 14, 2022

More than 150 former Environmental Protection Agency employees are urging Virginia lawmakers to oppose the nomination of the Trump administration's EPA chief to a high-ranking environmental position. In an open letter written to the state's senators, the former employees asked them to oppose the [impending nomination](#) of [Andrew Wheeler](#), a former coal lobbyist, to serve as the state's Natural Resources Secretary. [Read more here.](#)

NOAA names Long Island Sound estuary as a protected place

By Brooke Migdon – The Hill – January 14, 2022

The National Oceanic and Atmospheric Administration on Friday designated a new national estuarine research reserve in Long Island Sound. The Connecticut National Estuarine Research Reserve spans more than 52,000 acres across the southeastern part of the state, NOAA [said in a news release](#). The agency's [National Estuarine Research Reserve System](#) is a network of coastal sites designated to study estuarine systems, where freshwater from bodies of water like rivers mixes with saltwater from the ocean. Estuaries are home to diverse plant and animal communities which have adapted to brackish water, or a mix of freshwater and saltwater. [Read more here.](#)

EPA Takes Key Steps to Protect Groundwater from Coal Ash Contamination

U.S. Environmental Protection Agency – January 14, 2022

Today, the U.S. Environmental Protection Agency (EPA) is taking several actions to protect communities and hold facilities accountable for controlling and cleaning up the contamination created by decades of coal ash disposal. Coal combustion residuals (CCR or coal ash), a byproduct of burning coal in coal-fired power plants, contains contaminants like mercury, cadmium, and arsenic that without proper management can pollute waterways, groundwater, drinking water, and the air. [Read more here.](#)

USDA to Invest up to \$225 Million in Partner-Driven Conservation on Agricultural and Forest Land

USDA Natural Resources Conservation Service – January 13, 2022

The U.S. Department of Agriculture today announced up to \$225 million in available funding for conservation partners through the Regional Conservation Partnership Program (RCPP). RCPP is a partner-driven program that leverages collective resources to find solutions to address natural resource challenges on agricultural land. This year's funding announcements include opportunities for projects that address climate change, benefit historically underserved producers and support urban agriculture. [Read more here.](#)

CBF Assesses the State of the Blueprint: Success in Jeopardy, Time Running Out, Leadership Mostly Lacking

Chesapeake Bay Foundation – January 7, 2022

With less than four years to go to meet the 2025 implementation deadline of the Chesapeake Clean Water Blueprint, a [new Chesapeake Bay Foundation \(CBF\) assessment](#) of the collective progress by the three primary Bay states found that without significant acceleration the Blueprint will be yet another failed effort to restore this national treasure. [Read more here.](#)

 **Wetland Science Conference**
Wisconsin Wetlands Association

 **SOCIETY of WETLAND SCIENTISTS**

 **ASSOCIATION OF STATE WETLAND MANAGERS**

MENTORSHIP ROUND TABLE EVENT FEB. 15 | 10 AM CT

Pull up a virtual chair & join this critical discussion hosted by the Society of Wetland Scientists (SWS) & the Association of State Wetland Managers (ASWM)

REGISTER TODAY!
<https://bit.ly/WWA Conf22>

- Hear about the many (surprising!) ways to pursue a career in wetlands
- Learn about SWS & ASWM's current offerings to support students through mentoring
- Help shape a mentorship program to meet *your* needs!

The Association of State Wetland Managers (ASWM) and the Society of Wetland Scientist (SWS) will be hosting a **Roundtable: Mentoring the Next Generation of Wetland Professionals** at the Wisconsin Wetlands Association Annual Wetland Science Conference on Tuesday, February 15, 2022. Facilitators will be Marla Stelk, ASWM and Greg Noe, SWS.

Students can register for free! [More Information is available here.](#)

**CALL FOR ABSTRACTS
AND
STUDENT SCHOLARSHIPS**

**Association of State Wetland Managers
Annual State/Tribal/Federal
Coordination Meeting**

Protecting Waters in a Time of Rapid Change

March 28-April 1, 2022

**National Conservation Training Center
Shepherdstown, WV**



We invite you to join us for **ASWM's Annual State/Tribal/Federal Coordination Meeting**, to be held at the National Conservation Training Center (NCTC) from **March 28-April 1, 2022**. The purpose of this annual meeting is to support state and tribal wetland program managers, and other wetland professionals as they respond to challenges in the coming year. Although we are currently scheduled to be at the NCTC, we will be monitoring the COVID-19 pandemic very closely and will follow all federal guidelines and mandates related to the pandemic. If circumstances require it, we will shift the meeting to a fully virtual format.



CALL FOR ABSTRACTS: DUE FEBRUARY 7, 2022

All abstracts must address wetland-related issues relevant to the agenda topics for the 2022 Annual State/Tribal/Federal Coordination Meeting:

- Sharing the Marsh: Approaches to Engaging Under-resourced Communities in Wetland Protections
- Passing the Will-O'-Wisp: Continuity and Mentorship for Staffing Changes
- Foraging for Funds: Sticking Your Straw into the Infrastructure Pot for Climate Resiliency Staying Afloat: Regulatory Changes and Updates for States and Tribes
- Learning to Fly: Advances in Tools and Technology
- Building Your Nest: Developing a Community of Practice through Effective Outreach and Communications

For More Information and to Submit an Abstract, Please Go Here

JON A. KUSLER STUDENT SCHOLARSHIP AWARD: DUE FEBRUARY 7, 2022

The Jon A. Kusler Student Scholarship Award was created in 2020 to honor the legacy of the late Dr. Jon A. Kusler, Esq., ASWM's founder and one of the most influential thinkers of our time regarding wetland and floodplain science, policy, and law. This competitive award funds all expenses for one or more students to attend ASWM's annual State/Tribal/Federal Coordination (STFC) Meeting and is open to any student with a declared major in wetland (or other aquatic resource) science, policy, law, or a related field in either the undergraduate or graduate level.

For More Information and to Submit a Scholarship Application, Please Go Here

State and Tribal News



ASWM Webinars

New and Recorded
Webinars &
Trainings

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Webinars
Here

Photo by Marla Stelk, ASWM

CA: Central Valley wetlands have almost all disappeared

By Vania Patino and JaNell Gore – 23ABC News – December 31, 2021
Central Valley is known for oil and agriculture, but it's also a desired destination for more than 100 million birds. That is because the wetlands that were here decades ago have made this area part of their migration pattern. Because of city growth and climate change wetlands have almost all disappeared, but could there be a solution now that several state organizations are working to protect these bird habitats. [Read more here.](#)

Chickahominy Tribe: Northam announces historic land acquisition for Chickahominy Tribe

Augusta Free Press – January 11, 2021
The Chickahominy Tribe has re-acquired Mamanahunt, a historic site of more than 800 acres in Charles City County that holds deep cultural significance for the tribe. The tribe has purchased Mamanahunt, a peninsula in the heart of the ancestral lands along the river that bears the tribe's name, with a one-time, \$3.5 million appropriation from Governor Northam's current budget. The transaction was finalized on December 30, 2021. Chickahominy tribal leaders said they will preserve the natural resources of the waterfront land while pursuing historic and educational outreach opportunities that will generate economic development for the Tribal Nation as well as the local business community. [Read more here.](#)

FL: Kennedy Space Center plans its own wetlands mitigation bank

Jim Waymer – Florida Today – December 31, 2021
Kennedy Space Center is not a place that comes to mind when talking about environmental conservation. Often the center has been the target of angry environmentalists fighting NASA plans to construct more launchpads at the expense of the unique habitat that surrounds America's preeminent spaceport. But the NASA center has recently identified three swathes of land, totaling 134 acres, that it plans to set aside to make up for the wetlands it needs to fill in or destroy in the coming years so that the agency can continue its mission to dominate space, according to [News 6 partner Florida Today](#). Setting aside land to offset habitat destruction because of pending development is known as mitigation banking, and the move marks KSC's first foray into the practice. [Read more here.](#)

FL: Florida has lost 44% of its wetlands since 1845. What is the environmental impact?

By Tony Judnich – Northwest Florida Daily News – December 31, 2021

While some folks might view them as messy, bug-infested places to avoid, swamps, marshes and other types of [wetlands](#) provide numerous benefits to people, flora and fauna. Wetlands are areas where water covers the soil or is present either at or near the surface of the soil all year or for varying periods of time during the year, including during the growing season, Northwest Florida Water Management District environmental scientist David Clayton said in an email. “The primary factor that distinguishes wetlands from terrestrial landforms or water bodies is the characteristic vegetation of aquatic plants, adapted to the unique oxygen-free hydric soils,” Clayton said. “Wetlands are considered among the most biologically diverse of all ecosystems, serving as home to a wide range of unique plant and animal species. [Read more here](#).

MA: Coalition launches project to restore water quality in Buttonwood Brook and Apponagansett Bay

Buzzards Bay Coalition – December 28, 2021

The Coalition has launched a collaborative effort to complete the science to identify pollution sources in Buttonwood Brook in New Bedford and Apponagansett Bay in Dartmouth. The study represents the first phase of a larger project to bring two municipalities together to collectively develop a comprehensive action plan for one of the most challenging and impacted urban ecosystems in the Buzzards Bay watershed. In addition to the City of New Bedford and the Town of Dartmouth, the partnership includes the Buzzards Bay National Estuary Program, Buttonwood Park Zoo, Friends of Buttonwood Park, Woodwell Climate Research Center, Marine Biological Lab, Woods Hole Oceanographic Institution, and the Dartmouth Natural Resource Trust. [Read more here](#).

MI: Kids Creek Project Restores Habitat and Food Sources for Great Lakes Fish

NOAA Fisheries – January 5, 2022

NOAA’s partners at [The Watershed Center Grand Traverse Bay](#) recently completed a project to restore habitat and improve fish passage on Kids Creek in Traverse City, Michigan. The effort received more than \$1.5 million in NOAA funding through the [Great Lakes Restoration Initiative](#). Through this work, our partners are helping enhance habitat and food sources for fish species such as brook trout. Kids Creek is on Michigan’s Impaired Waters List, due to a decline in [macroinvertebrates](#)—small aquatic animals such as snails, worms, and insect larvae. Sediment and stormwater runoff have led to a loss of macroinvertebrate habitat, causing a decrease in their populations. [Read more here](#).

NC: Commission to vote on permanent wetland protection rules

CoastalReview.org – January 7, 2022

The North Carolina Environmental Management Commission will meet Thursday to consider adopting permanent rules that will fill in a permitting gap made by recent changes to Clean Water Act Federal Jurisdiction for wetlands in certain landscape positions. The permitting gap applies to federally nonjurisdictional wetlands, which are not isolated but have a direct connection to downstream waters, as defined in the Navigable Waters Protection Rule. These wetlands are no longer jurisdictional, subject to Section 404 of the Clean Water Act, but remain protected by the state. Finalizing these rules will “provide a permitting pathway for projects that require impacts to wetlands identified as ‘Federally Non-Jurisdictional’,” according to meeting documents. [Read more here](#).

NY: Purple Martins Thrive Again in New York’s Niagara River Area of Concern

Contact: Taylor Gillespie – U.S. Environmental Protection Agency – January 6, 2022

U.S. Environmental Protection Agency, the New York State Office of Parks, Recreation and Historic Preservation and New York State Department of Environmental Conservation today announced that purple martins are returning to a 13.5-acre marsh near Buckhorn Island State Park, in the Town of Grand Island, NY (Erie County). Along with several additional habitat projects, approximately \$5.5 million of Great Lakes Restoration Initiative (GLRI) funding has gone towards restoring and protecting the marsh habitat. Rock reefs have been established to prevent erosion and extensive vegetation has been planted in the marsh, known as Grass Island. [Read more here](#).

OK: EPA withdraws Trump Oklahoma environment order after input from tribes

Reuters – December 22, 2021

The U.S. Environmental Protection Agency announced on Wednesday it plans to withdraw and reconsider a Trump administration decision to grant Oklahoma authority over environmental issues on tribal land after consulting with the state's 38 tribal nations. The agency would reverse a decision made in October 2020 by then-EPA Administrator Andrew Wheeler, who approved a request from Republican Oklahoma Governor Kevin Stitt to allow the state rather than tribal nations to regulate environmental issues on land inside historical tribal reservation boundaries.

[Read more here.](#)

OR: Benefits of Tillamook Bay wetlands restoration extend far beyond the scope of initial project, report finds

By Michelle Klampe, Oregon State University – Phys.org – December 20, 2021

A 443-acre tidal wetland habitat restoration project in Oregon's Tillamook Bay designed to reduce flooding and improve salmon habitat has also brought a host of other socioeconomic benefits to the community, a new report from Oregon State University researchers shows. Since the \$11.2 million project was completed in 2017, the restoration has led to water quality improvements; flood mitigation; salmon habitat improvements; increased carbon storage; added recreation opportunities; and increased home values, the researchers found. [Read more here.](#)

RECENTLY RECORDED
TRIBAL WETLAND PROGRAMS WEBINARS
Funding Tribal Water Programs
(Presented at EPA Region 7 ESTP Virtual Meeting)
Held Thursday, November 4, 2021

			
Nestoria Wright Kickapoo Tribe in Kansas	Yvonne Vallette U.S. Environmental Protection Agency, Region 10	Building Capacity: Tribal Panel and Discussion: Nestoria Wright, Kickapoo Tribe in Kansas; Justin Avery, Santee Sioux Nation; and Denise Jensen, Winnebago Tribe	

[View Recording Here](#)

PA: Officials warn of long-term effects Harrisburg flooding has on Susquehanna River

By Samantha York – Local 21 News – December 31, 2021

Rainwater flooded Harrisburg in 2021, whether from hurricane remnants or a pop-up storm. “Take a look at this, it’s a war zone. This isn’t supposed to happen in the city of Harrisburg,” Resident Manuel Araujo told CBS 21 News in August after his house was flooded during a pop-up storm. “Everybody pays taxes to have these types of things not happen.” “There has to be ample funding to correct this issue,” Lower Susquehanna Riverkeeper Ted Evgeniadis explained to CBS 21 News’ Samantha York. “And it’s not going to fall on the residents of Harrisburg.” The city’s 100-year-old combined sewer system was overwhelmed and unable to handle the volume of untreated wastewater and stormwater, emptying it into homes, streets and the Susquehanna River. [Read more here.](#)

RI: How to Move a Marsh: Work Continues to Save Sapowet Marsh

By Caitlin Faulds – ecoRI News – December 12, 2021

The grasses are dying. Clusters of broken, denuded stems stand in shallow pools of brackish water, making a patchwork of the low-lying marshlands. The slow balding is invisible from the blacktop of Seapowet Avenue, hidden behind a thick curtain of phragmites. But standing boot-deep in the peat, surrounded by the sulfuric scent of decomposition, the bare ground is clear evidence of the steady saltwater creep happening in marshes across Rhode Island. [Read more here](#)

Squaxin Island Tribe: Timber company returns waterfront Washington property to tribe

By Lynda V. Mapes – OPB – December 23, 2021

Port Blakely Companies, a family-owned company with timber operations in the U.S. and New Zealand, has returned 2 miles of waterfront and 125 acres of tidelands on Little Skookum Inlet in Mason County to the Squaxin Island Tribe, at no cost. The return of the tideland property is part of a growing “Land Back” movement, in which landowners are returning property lost by tribes when white settlers arrived and began colonizing the landscapes where Indigenous people had lived and thrived for thousands of years. The return of the shoreline restores the tribe’s direct access to Puget Sound, and some of the most productive shellfish beds in the region — the very reasons the tribe had made the land and water home. [Read more here.](#)

VA: Trump EPA head, coal lobbyist tapped as Virginia’s environmental chief

By Sarah Vogelsong – Virginia Mercury – January 5, 2022

Republican Gov.-elect Glenn Youngkin announced Trump EPA chief and former coal lobbyist Andrew Wheeler as his pick for Virginia’s next secretary of natural and historic resources. “Virginia needs a diverse energy portfolio in place to fuel our economic growth, continued preservation of our natural resources, and a comprehensive plan to tackle rising sea levels,” said Youngkin in a news release announcing not only his selection of Wheeler but his intention to replace long-standing Department of Environmental Quality Director David Paylor with wetland restoration firm head Michael Rolband. [Read more here.](#)

WA: Ecology seeking contacts for statewide wetland mapping inventory project

By Connor Racette – Washington Department of Ecology – January 5, 2022

We’re starting a statewide survey to inventory wetland maps and mapping efforts in Washington. As part of this project, we’re inviting (but not requiring) organizations and wetland managers across the state who work with wetland mapping resources to participate in our initial survey. This EPA grant-funded effort will connect Ecology with local and Tribal governments, state and federal agencies, and land managers who regulate or manage wetlands to identify the status of local, regional, and statewide wetland mapping efforts. This project will help create a consolidated, publicly accessible, web-based map and/or list of available wetland maps and mapping efforts across Washington. [Read more here.](#)

WA: WDFW warns solar farm could be lights out for state’s main sage grouse population

By Don Jenkins – Capital Press – December 20, 2020

If built, a 2,390-acre solar farm on Badger Mountain in north-central Washington could finish off the state’s greater sage grouse population, the Department of Fish and Wildlife warns. If built, a 2,390-acre solar farm on Badger Mountain in north-central Washington could finish off the state’s greater sage grouse population, the Department of Fish and Wildlife warns. [Read more here.](#)

WA: Ecology acquires federal grants to protect 237 acres of coastal wetlands

By Curt Hart – Washington Department of Ecology – January 6, 2022

We are happy to announce we've helped secure nearly \$3.4 million in [National Coastal Wetlands Conservation grants](#) to protect 237 acres of coastal wetland habitat in Island, Jefferson, and Mason counties. This year, Washington received the second-highest number of federal wetland conservation grants under the U.S. Fish and Wildlife Service program. Since 1992, we've been successful in helping projects totaling approximately \$132 million conserve nearly 15,000 acres of coastal wetlands in the state. [Read more here.](#)

WV: Despite years of devastating floods, state still hasn’t implemented plan to protect West Virginians

By Emily Allen – State Spotlight – January 5, 2022

Annetta Tiller is used to water in her yard and her basement; rain swelling the Tug River and its tributaries over their banks is a regular occurrence in McDowell County. But every three or four years, the water will get a little higher, and Tiller and her family will spend hours carrying their belongings out of their home in Bartley and into cars, later parked on top of hills out of the river’s reach. “It makes you cry because you know you’re going to lose stuff that you don’t have time to save,” Tiller said. Tiller grew up in Bartley and has seen this play out over and over again. And it’s more than just personal belongings that are affected by the flooding. When the rain comes down hard, the whole community is hit: homes and businesses are devastated, bridges wash out, utility poles are toppled and roadways are destroyed. [Read more here.](#)

STUDENTS DON’T MISS THIS GREAT OPPORTUNITY!

The [Association of State Wetland Managers](#) (ASWM) and the [Society of Wetland Scientists](#) (SWS) have an exciting new opportunity for students to get memberships to both organizations for the price of one! Any student who joins either organization in 2022 will receive a free, complimentary membership to the other organization. To take advantage of this opportunity, all you have to do is purchase a student membership to one organization, and the other membership will be provided to you for free. For more information, please contact Laura Burchill, ASWM’s Office Manager, at laura@aswm.org or by calling our office at 207-892-3399.



ASWM Membership Benefits



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

Join Here
Rates Increase
Spring of 2022

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
- Joint membership opportunity for students in 2022. Join either the Association of State Wetland Managers or the Society of Wetland Scientists at the student level and get a complimentary 1-year student membership to the other organization.

RECENTLY RECORDED HOT TOPICS WEBINARS

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

Held Tuesday, December 7, 2021



Steve Martin
Mitigation Specialist, PWS



Steve Moore
Vice President of Finance
Westervelt Ecological
Services, LLC



Amelia Savage
Environmental Attorney
Stearns Weaver Miller

[View Recording Here](#)

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

Held Tuesday, December 14, 2021



Steve Martin
Mitigation
Specialist, PWS



Alexander Dam
Director, Surety &
Performance
Security, Aon



Chris Baker
Principal
Conservation
United



Robert Spoth
President
Ecosystems
Insurance

[View Recording Here](#)

Wetland Science News



Wetland Events

Wetlands Exploration Days

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

World Wetlands Day

February 2, 2022

San Diego Bird Festival:

Birds of All Feathers, Come

Flock Together

San Diego Audubon
February 16-20, 2022
San Diego, CA

**See Calendar of Events
Below**

Photo by Marla Stelk, ASWM

Overnight Energy & Environment — Earth records its hottest years ever

By Rachel Frazin and Zack Budryk – The Hill – January 13, 2022

The past seven years were the warmest ever recorded, with 2021 the sixth-hottest year, new federal data shows. An analysis from NOAA dating back to 1880 showed that last year was the sixth warmest on record, while NASA found that 2021 tied 2018 for the sixth-warmest year on record. Europe's Copernicus Climate Change Service went even further, ranking 2021 as the fifth warmest on record. The past seven years were the warmest ever recorded, with 2021 the sixth-hottest year, new federal data shows. An analysis from NOAA dating back to 1880 showed that last year was the sixth warmest on record, while NASA found that 2021 tied 2018 for the sixth-warmest year on record. Europe's Copernicus Climate Change Service went even further, ranking 2021 as the fifth warmest on record. [Read more here.](#)

Across the Boreal Forest, Scientists Are Tracking Warming's Toll

By Ed Struzik – Yale Environment 360 – January 11, 2022

A sign hanging above the door of a giant open-top glass chamber in a remote part of Minnesota's Marcell Experimental Forest explains why so many scientists from around the world have worked hard to get a piece of this boreal woodland. "Welcome to the Future" the sign reads, and that is literally what researchers get when they come to do research at Marcell. The experiment — a collaboration between the U.S. Forest Service and the Department of Energy's Oak Ridge National Laboratory — features 10 open-top glass chambers. Each is 30 feet high, 40 feet in diameter, and designed — by controlling temperature and CO2 levels — to mimic what will happen to boreal peatlands under various global warming scenarios. They range from no change to a very realistic increase of 4 degrees F, to 7 degrees F, and even to a frightening 12 degrees F and higher. [Read more here.](#)

Ghost Forests Could Provide Respite for Marsh Birds as Coastal Habitat Disappears

By Carlyn Kranking – Audubon Magazine – January 5, 2022

At Blackwater National Wildlife Refuge in Maryland, acres upon acres of dead tree trunks stand sentinel, their bases partially covered by salt water. Back in 2003, Hurricane Isabel struck the refuge before it could recover from an unusually dry summer. The storm surges brought salty ocean water into the already parched landscape and essentially choked the salt-intolerant trees to death. A 280-mile drive away, at Alligator River National Wildlife Refuge in North Carolina, it's a similar story. A one-two punch of drought followed by a storm in 2011 killed massive swaths of trees on the refuge. And as climate change drives further sea-level rise, experts expect to see more of these haunting scenes called ghost forests. [Read more here.](#)

ASWM's Online Trainings

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.

MORE INFORMATION ON THE COMPENSATORY MITIGATION TRAINING IS AVAILABLE [HERE](#).

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.

MORE INFORMATION ON THE BEAVER-RELATED TRAINING IS AVAILABLE [HERE](#).

Each online module in the **Compensatory Mitigation Training Series** and 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](#)**.

ASWM'S WETLAND JOBS BOARD

Education & Outreach Coordinator

Morro Bay National Estuary Program
Morro Bay, CA
Apply by February 11, 2022

Watershed Restoration Intern

North Fork John Day Watershed Council
April 1 – Sept 30 (dates flexible)
Long Creek, OR
Apply by February 11, 2022

Source Water Protection Extension Educator

University of Nebraska – Lincoln
Apply by March 1, 2022

Senior Consultant

Davey Resource Group, Inc.
St. Louis, MO
Apply by March 31, 2022

Photo by Laura Burchill, ASWM

Environmental Scientist

Kimley-Horn and Associates, Inc.
Peachtree Corners, GA
Apply by August 1, 2022

Research Technician – Tidal Wetlands

Smithsonian Environmental Research Center
Edgewater, MD
Open until filled

Assistant or Associate Professor of Environmental and Arctic Studies (Tenure-track)

University of Maine at Fort Kent – ME
Open until filled.

[Visit the ASWM Jobs Board Here](#)

GRANT OPPORTUNITIES

Region 10 Wetland Program Development Grants

U.S. EPA, Region 10
Search No.: EPA-REG10-WPDG-22-01
Apply by January 21, 2022

Fiscal Year 2022 Indian Tribes and Intertribal Consortia for Nonpoint

U.S. Environmental Protection Agency
Search No.: EPA-OW-OWOW-22-01
Apply by January 27, 2022

David Redden Conservation Science Fund Small Grants Program – Ecology and Conservation Science

Black Rock Forest
Apply by January 28, 2022

NAWCA 2023-1 US Standard Grants

U.S. Fish and Wildlife Service
Search No.: F23AS00002
Apply by February 25, 2022

CREP Mini-Grant Program 2022

PACD
Apply by February 25, 2022

Huyck Preserve and Biological Research Station Research Grants

Rensselaerville, NY
Apply by February 25, 2022

Photo by Sharon Weaver, ASWM

Resources and Publications



Visit
ASWM
on
Social
Media



Photo by Sharon Weaver, ASWM

EPA Releases CWSRF Best Practices Guide for Financing Nonpoint Source Solutions!

Storm Water Solutions – January 11, 2022

EPA has released [a new guide](#) to help the 51 Clean Water State Revolving Fund (CWSRF) programs apply best practices to help turn the tide on nonpoint source (NPS) pollution. The CWSRF is the nation's largest financial resource dedicated to the purpose of addressing water quality problems and is growing under the new Bipartisan Infrastructure Law. Meanwhile, NPS pollution remains the nation's largest water quality challenge. [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](#)



WETLANDS

**World
Wetlands Day**

2 February 2022

Wetlands Action for People and Nature



www.worldwetlandsday.org

#ActForWetlands

#WorldWetlandsDay

VALUE - MANAGE - RESTORE - LOVE

Environmental Events

- World Wetlands Day – February 2
- Earth Hour – March 26
- Earth Day – April 22
- Save the Frogs Day – April 30
- International Day for Biological Diversity – May 22
- World Environment Day – June 5
- World Rivers Day – September 25
- World Migratory Bird Day – October 12
- America Recycles Day – November 15
- World Soil Day – December 5

Potpourri



Donate
to
ASWM
Help
Support
Wetlands

[Donate Here](#)

Photo by Laura Burchill, ASWM

Chesapeake Bay Foundation gets grant to help disadvantaged farmers

By Gabriela Martinez – witf – January 13, 2022

The Chesapeake Bay Foundation is getting a federal grant to help farmers in south central Pennsylvania who historically have been excluded from conservation assistance. The foundation plans to use the grant from the Department of Agriculture’s Natural Resources Conservation Service to help those farmers qualify for conservation programs, provide technical assistance and hire more staff. [Read more here.](#)

Environmental sculpture exhibit explores the effects of sea-level rise

By Lauren LaRocca – The Frederick News-Post – January 12, 2021

Kate Helms, a fifth-generation Floridian, environmental scientist and artist, is presenting her latest solo show, “5 Fathoms,” at Shepherd University’s Phaze 2 Gallery in the Center for Contemporary Arts from Jan. 18 to March 7. A reception will take place from 4 to 6 p.m. Jan. 18 with an artist talk beginning at 4:30 p.m. “5 Fathoms” centers around Helms’ fantasies of a luxuriously ornate home being dismantled by the climatic effects of sea level rise and tossed into the ocean, where it becomes an artificial reef for a variety of handmade barnacle, coral and sponge-like encrustations. In contrast to widespread coral bleaching, which is causing vast swaths of coral reefs to rapidly perish into milky oblivion, these new species spontaneously evolve to thrive in the changing environment. [Read more here.](#)

EPA Announces Endangered Species Act Protection Policy for New Pesticides

U.S. Environmental Protection Agency – January 11, 2021

Reversing decades of practice, the U.S. Environmental Protection Agency (EPA) is taking meaningful action to further the Agency’s compliance with the Endangered Species Act (ESA) when evaluating and registering new pesticide active ingredients (AIs). Effective today, before EPA registers any new conventional AI, the Agency will evaluate the potential effects of the AI on federally threatened or endangered (listed) species, and their designated critical habitats, and initiate ESA consultation with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service (the Services), as appropriate. [Read more here.](#)

Colonialism still influences the earth sciences today — and that's a big problem for research

By Justine Calma – The Verge – January 4, 2022

Colonialism is so entangled in earth sciences that its ugly legacy still influences research today. Scientists are struggling to undo the damage that colonization has had on their fields, which have been dominated mostly by white men from wealthy nations over the years. [Read more here.](#)

Taking the Leap with Partners for Environmental Justice

By Hannah Mico – River Network – January 4, 2022

How does a small volunteer-run organization transition into a fully-fledged nonprofit? [Partners for Environmental Justice](#) (PEJ) (Raleigh, NC) recently committed to taking this leap, leaning on River Network for support and collaboration. After over a year of work together, addressing both programmatic and organizational development support, we're reflecting on what makes investments like these successful and sustainable. [Read more here.](#)

Hiker's Path: Winter hiking in the wetlands

By Susan Anderson – Spencer Evening World – December 29, 2021

This preserve, which is located in Monroe County, consists of 733 acres that was acquired from 1995 to 2018. The majority of the property has been dedicated as an Indiana State Nature Preserve by the Indiana Department of Natural Resources, and it has also been designated a state Important Bird Area by the National Audubon Society and a Wetland of Distinction by the Society of Wetland Scientists. Sycamore's property adjoins the U.S. Fish and Wildlife Service's Restle Unit of the Muscatatuck National Wildlife Refuge and a privately-owned wetland protected by a permanent Wetland Reserve Program easement. Altogether, over 1500 acres of land in the Bean Blossom creek wetlands are protected. [Read more here](#)



25th Anniversary

National Mitigation & Ecosystem Banking Conference

May 2-6, 2022

Boise, ID/Virtual

Connecting Policy, Practice, Business, Science & People

[Early Bird Rates - Register by January 25, 2022](#)

[Agenda](#)

[More information is available 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.

[Share Your Wetland Photos Here](#)

Photo by Laura Burchill, ASWM

Environmental Photo Contests – 2022

[Audubon's 2022 Photography Awards Contest](#)

Enter between January 12-March 9, 2022

[World Intellectual Property Organization \(WIPO\) Photography Prize for Indigenous Peoples and Local Community Youth](#)

Theme: Climate Change and Climate Action: Mother Earth through our Lenses

Enter by January 22, 2022

[2022 Grassy Waters Preserve Photography Contest](#)

Enter between February 1-28, 2022

[Earth.Org Global Wildlife & Natural World Photography Competition 2022](#)

Enter by April 29, 2022

Photo by Sharon Weaver, ASWM

Calendar of Events

WEBINARS 2022

JANUARY 2022

January 19, 2022 3:00 p.m. ET	U.S. Environmental Protection Agency Webinar: Opportunity for Prize Competitions at EPA
January 20, 2022 1:00 p.m.-3:00 p.m. ET	Swamp School Webinar: 2022 Wetland Status and Trends
January 20, 2022 3:00 p.m. ET	Climate Adaptation Science Centers Webinar: Developing divergent, plausible, and relevant climate futures for near- and long-term resource planning
January 24, 2022 2:00 p.m.-3:00 p.m. ET	National Integrated Drought Information System Webinar: California-Nevada Winter Status Update
January 26, 2022 1:00 p.m.-2:30 p.m. ET	Center for Watershed Protection: Webcast 1: Stream Restoration and Beavers
January 26, 2022 3:00 p.m.-4:30 p.m. ET	Association of State Wetland Managers Members' Webinar Series: Transforming Communications with the Public about Water Quality: How to Use EPA's "How's My Waterway" Data Application
January 28, 2022 11:30 a.m. ET	Wisconsin Wetlands Association: Wetlands Coffee Break: Chiwaukee Prairie: A Conservation Story Through Photos

FEBRUARY 2022

February 2, 2022 7:00 p.m. ET	NH Lakes Webinar: Microplastics and Our Lake
February 23, 2022 3:00 p.m.-4:30 p.m. ET	Association of State Wetland Managers Members' Webinar Series: Coastal Wetland Migration as a climate Change Resiliency Strategy: Conservation Planning and Decision Making

APRIL 2022

April 27, 2022 3:00 p.m.-4:30 p.m. ET	Association of State Wetland Managers Members' Webinar Series: Managing Impacts to Wetlands from Solar Development
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MAY 2022

May 18, 2022 4:00 p.m. ET	Northeast Climate Adaptation Science Center Webinar: Tribal & Indigenous-Based Climate Adaptation Priorities in the NE CASC Region

MEETINGS 2022

JANUARY 2022

January 26-28, 2022 Virtual	The Stewardship Network Conference
January 27, 2022 Virtual: 4:00p.m.-5:00p.m.	Alice Ferguson Foundation: Adopt-a-Stream Virtual Info Meeting (for DC Residents); FREE
January 27-29, 2022 Virtual	International Society of Tropical Foresters, Yale School of the Environment Conference: Rethinking Restoration and Recovery: Landscapes of the Past, Present and Future in the Tropics
January 28, 2022 February 4, 2022 Virtual	New Hampshire Association of Natural Resource Scientist (NHANRS): 2022 Annual Conference
January 29, 2022 Virtual	Indiana Wildlife Federation: 2022 Indiana Wildlife Virtual Conference

FEBRUARY 2022

February 1-3, 2022 Virtual	Invasive Species Centre: 2022 Invasive Species Forum: Action, Innovation, and Outreach
February 2-3, 2022 Virtual	Delta Science Program: Adapting Restoration for a Changing Climate Symposium
February 3-6, 2022 Winter Harbor, ME	Schoodic Institute at Acadia National Park: Winter Birds of Acadia National Park
February 4, 2022 Virtual	National Climate Assessment: Southwest Chapter Engagement Workshop
February 4-6, 2022 Winter Harbor, ME	Schoodic Institute at Acadia National Park: 8th Annual Acadia Winter Festival
February 5, 2022 San Diego, CA	San Diego Audubon: Love Your Wetlands Day
February 6-10, 2022 Albuquerque, NM	Society for Rangeland Management Annual Meeting
February 8-10, 2022 Virtual	Saskatchewan Prairie Conservation Acton Plan: 9th Native Prairie Restoration/Reclamation Workshop: Restoration, Reclamation, Resilience: Improving Soil, Water and Habitat
February 8-10, 2022 Stevenson, WA	River Restoration Northwest: 2022 River Restoration Symposium
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
February 23-25, 2022 Hybrid: Grand Junction, CO and Virtual	RiversEdge Wests: Riparian Restoration Conference

MARCH 2022

March 1-12, 2022 Virtual	Massachusetts Association of Conservation Commissions (MACC): Annual Conference Week
March 2, 2022 Virtual	University of Washington Botanic Gardens: 2022 Washington Botanical Symposium
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
March 16-18, 2022 Gettysburg, PA	Pennsylvania Land Conservation Conference
March 22-23, 2022 Virtual	Coastal Quest Conference: Accelerating Solutions for a Resilient Coast
March 25, 2022 Virtual	Soil and Water Conservation Society: Southern New England Chapter: 2022 Winter Conference: Soil Carbon Storage: Combating Climate Change from the Ground Up

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 9, 2022 9:00a.m.-12:00p.m. Accokeek, MD	Alice Ferguson Foundation: 34th Annual Potomac River Cleanup - FREE
April 12, 2022 Virtual	University of Washington Botanic Gardens and the Northwest Chapter of the Society for Ecological Restoration: 2022 Ecological Restoration Symposium: Unprecedented Times: Addressing Modern Challenges
April 18-22, 2022 Oostende, Belgium	22nd International Conference on Aquatic Invasive Species
April 22-24, 2022 Albany, NY	Eagle Hill Institute: Northeast Natural History Conference
April 23, 2022 Harrisburg, PA	Wildwood Park: Wetlands Festival
April 24, 2022 Fort Myers, FL	“Ding” Darling Wildlife Society: 33 Annual “Ding” Darling Day

MAY 2022

May 2-6, 2022 Boise, ID/Virtual	National Mitigation & Ecosystem Banking Conference: Invest in the Environment Discover Ecological Solutions
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 16-18, 2022 Southern California	2022 Southwestern Tribal Climate Change Summit: Exploring the Fire Within Us
May 16-20 Grand Rapids, MI	International Association for Great Lakes Research (IAGLR) IAGLR22: 65th Annual Conference on Great Lakes Research: Joint Aquatic Sciences Meeting 2022
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 8, 2022 San Francisco, CA	Aquarium of the Bay: World Ocean Day - Awareness to Action Climate Summit
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

JULY 2022

July 16-21, 2022 Reno, NV	North American Congress for Conservation Biology: Restoring Connections and Building Resilience in a Changed World
July 31-August 3, 2022 Denver, CO	Soil and Water Conservation Society 77 th International Annual Conference: Elevating Conservation to New Heights

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

SEPTEMBER 2022

September 21-22, 2022 Port Aransas, TX	University of Texas Marine Science Institute: Texas Bays and Estuaries Meeting
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OCTOBER 2022

October 10-14, 2022 Albuquerque, NM	Southwest Climate Adaptation Science Center: Southwest Adaptation Forum
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TRAINING/WORKSHOPS 2022

JANUARY 2022

January 25, 2022 6:00 - 8:30 pm Virtual	Massachusetts Association of Conservation Commissions (MACC) Training Program: Fundamentals Unit 102: Overview of the Wetlands Protection Act
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FEBRUARY 2022

February 7-10, 2022 San Diego, CA	Richard Chinn Environmental Training, Inc. Course: Wetland Delineation Training (Other dates and locations offered)
February 9-10, 2022 San Diego, CA	Richard Chinn Environmental Training, Inc. Course: Regional Supplement Wetland Delineation Training (Other dates and locations offered)
February 21-24, 2022 Raleigh, NC	Swamp School Course: Standard Wetland Delineation Training (Classroom/Field)

MARCH 2022

March 7, 2022 Online – 16 weeks	Swamp School Course: Certified Wetland Hydrologist Also offered in June, September, and December 2022
March 7, 2022 Online – 16 weeks	Swamp School Course: Certified Wetland Botanist Also offered in May, July, and September
March 21-22, 2022 Online	EUCI Course: Endangered Species Act, Wetlands, and Stormwater Regulatory Compliance for Energy & Utilities
March 25, 2022 Virtual	Massachusetts Association of Conservation Commissions (MACC) Training Program: Riparian Communities

APRIL 2022

April 25-28, 2022 Aliquippa, PA	Swamp School Course: Standard Wetland Delineation Training (Classroom/Field)
April 25-28, 2022 Online – 14 Weeks	Swamp School Course: Stream Restoration Level V – Stream Monitoring and Departure Assessment

MAY 2022

May 9, 11, 13, and 16, 2022
10:00 a.m.-4:00 p.m. EDT
Online

Rutgers Office of Continuing Professional Education Course: [Wetland Construction: Principles, Planning, and Design](#)

May 11-12, 2022
8:15 a.m.-12:15 p.m. EDT
Online

Rutgers Office of Continuing Professional Education Course: [Restoration Ecology](#)

May 16-20, 2022
St. Michaels, MD

Environmental Concern Course: [Basic Wetland Delineation](#)

May 17-18, 2022
8:30 a.m.-3:30 p.m. EDT
Online

Rutgers Office of Continuing Professional Education Course: [Vegetation Identification for Wetland Delineation: North](#)

JUNE 2022

June 1-2, 2022
8:30 a.m.-4:00 p.m. EDT
Online

Rutgers Office of Continuing Professional Education Course: [Hydric Soils](#)

June 13-15, 2022
St. Michaels, MD

Environmental Concern Course: [Wetland Plant ID](#)

June 16, 2022
Virtual
June 20, 2022
Field Trip

Rutgers Office of Continuing Professional Education Course: [Methodology for Delineating Wetlands](#)

SEPTEMBER 2022

September 12-16, 2022
St. Michaels, MD

Environmental Concern Course: [Basic Wetland Delineation](#)

OCTOBER 2022

October 10-12
St. Michaels, MD

Environmental Concern Course: [Evaluating Hydric Soils in the Field](#)

DECEMBER 2022

December 5-7, 2022
St. Michaels, MD

Environmental Concern Course: [Winter Woody Plant ID](#)



Photo by Sharon Weaver, ASWM

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- ◆ 'They saw bigger things': Richard Leakey, Edward O Wilson and Thomas Lovejoy remembered
- ◆ Original caretakers: Indigenous groups team up with conservationists to protect swaths of US

NATIONAL NEWS

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- ◆ 150 ex-EPA staffers ask Virginia lawmakers to oppose Wheeler nomination
- ◆ NOAA names Long Island Sound estuary as a protected place
- ◆ EPA Takes Key Steps to Protect Groundwater from Coal Ash Contamination
- ◆ USDA to Invest up to \$225 Million in Partner-Driven Conservation on Agricultural and Forest Land
- ◆ CBF Assesses the State of the Blueprint: Success in Jeopardy, Time Running Out, Leadership Mostly Lacking

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- ◆ Chickahominy Tribe: Northam announces historic land acquisition for Chickahominy Tribe
- ◆ FL: Kennedy Space Center plans its own wetlands mitigation bank
- ◆ FL: Florida has lost 44% of its wetlands since 1845. What is the environmental impact?
- ◆ MA: Coalition launches project to restore water quality in Buttonwood Brook and Apponagansett Bay
- ◆ MI: Kids Creek Project Restores Habitat and Food Sources for Great Lakes Fish
- ◆ NC: Commission to vote on permanent wetland protection rules
- ◆ NY: Purple Martins Thrive Again in New York's Niagara River Area of Concern
- ◆ OK: EPA withdraws Trump Oklahoma environment order after input from tribes
- ◆ OR: Benefits of Tillamook Bay wetlands restoration extend far beyond the scope of initial project, report finds
- ◆ PA: Officials warn of long-term effects Harrisburg flooding has on Susquehanna River
- ◆ RI: How to Move a Marsh: Work Continues to Save Sapowet Marsh
- ◆ Squaxin Island Tribe: Timber company returns waterfront Washington property to tribe
- ◆ VA: Trump EPA head, coal lobbyist tapped as Virginia's environmental chief
- ◆ WA: Ecology seeking contacts for statewide wetland mapping inventory project
- ◆ WA: WDFW warns solar farm could be lights out for state's main sage grouse population
- ◆ WA: Ecology acquires federal grants to protect 237 acres of coastal wetlands
- ◆ WV: Despite years of devastating floods, state still hasn't implemented plan to protect West Virginians

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- ◆ Overnight Energy & Environment — Earth records its hottest years ever
- ◆ Across the Boreal Forest, Scientists Are Tracking Warming's Toll
- ◆ Ghost Forests Could Provide Respite for Marsh Birds as Coastal Habitat Disappears

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- ◆ EPA Releases CWSRF Best Practices Guide for Financing Nonpoint Source Solutions!

POTPOURRI

- ◆ Chesapeake Bay Foundation gets grant to help disadvantaged farmers
- ◆ Environmental sculpture exhibit explores the effects of sea-level rise
- ◆ EPA Announces Endangered Species Act Protection Policy for New Pesticides
- ◆ Colonialism still influences the earth sciences today — and that's a big problem for research
- ◆ Taking the Leap with Partners for Environmental Justice
- ◆ Hiker's Path: Winter hiking in the wetlands

CALENDAR OF EVENTS

WEBINARS

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May 2022

- ◆ Northeast Climate Adaptation Science Center Webinar: Tribal & Indigenous-Based Climate Adaptation Priorities in the NE CASC Region

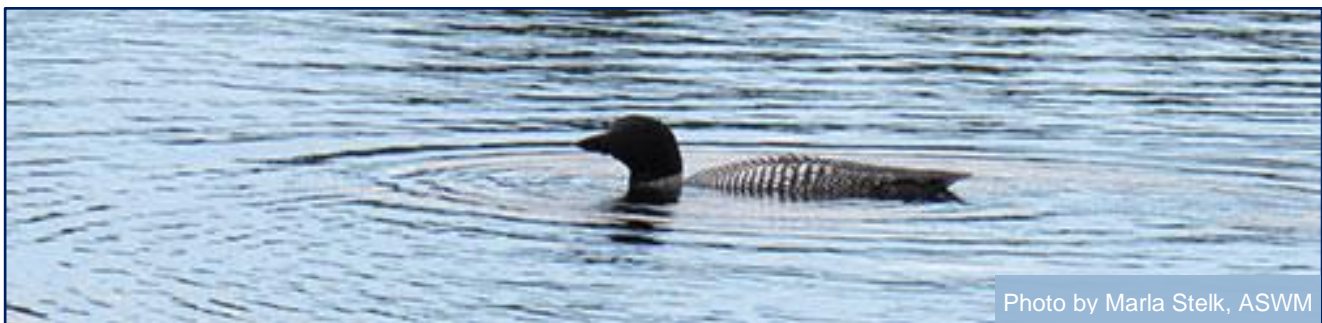


Photo by Marla Stelk, ASWM

MEETINGS

January 2022

- ◆ The Stewardship Network Conference
- ◆ Alice Ferguson Foundation: Adopt-a-Stream Virtual Info Meeting (for DC Residents); FREE
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March 2022

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- ◆ University of Washington Botanic Gardens and the Northwest Chapter of the Society for Ecological Restoration: 2022 Ecological Restoration Symposium: Unprecedented Times: Addressing Modern Challenges
- ◆ 22nd International Conference on Aquatic Invasive Species
- ◆ Eagle Hill Institute: Northeast Natural History Conference
- ◆ Wildwood Park: Wetlands Festival
- ◆ "Ding" Darling Wildlife Society: 33 Annual "Ding" Darling Day

May 2022

- ◆ National Mitigation & Ecosystem Banking Conference: Invest in the Environment Discover Ecological Solutions
- ◆ The International Society for Ecological Modelling Global Conference 2022: Ecological Models for Tomorrow's Solutions
- ◆ Association of State Floodplain Managers Conference
- ◆ 2022 Southwestern Tribal Climate Change Summit: Exploring the Fire Within Us
- ◆ International Association for Great Lakes Research (IAGLR) IAGLR22: 65th Annual Conference on Great Lakes Research: Joint Aquatic Sciences Meeting 2022
- ◆ 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
- ◆ Aquarium of the Bay: World Ocean Day - Awareness to Action Climate Summit
- ◆ American Society of Naturalists, the Society for the Study of Evolution, and the Society of Systematic Biologists Joint Meeting: Evolution 2022

July 2022

- ◆ North American Congress for Conservation Biology: Restoring Connections and Building Resilience in a Changed World
- ◆ Soil and Water Conservation Society 77th International Annual Conference: Elevating Conservation to New Heights

August 2022

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

September 2022

- ◆ University of Texas Marine Science Institute: Texas Bays and Estuaries Meeting

October 2022

- ◆ Southwest Climate Adaptation Science Center: Southwest Adaptation Forum

TRAININGS/WORKSHOPS

January 2022

- ◆ Massachusetts Association of Conservation Commissions (MACC) Training Program: Fundamentals Unit 102: Overview of the Wetlands Protection Act

February 2022

- ◆ Richard Chinn Environmental Training, Inc. Course: Wetland Delineation Training (Other dates and locations offered)
- ◆ Richard Chinn Environmental Training, Inc. Course: Regional Supplement Wetland Delineation Training (Other dates and locations offered)
- ◆ Swamp School Course: Standard Wetland Delineation Training (Classroom/Field)

March 2022

- ◆ Swamp School Course: Certified Wetland Hydrologist
- ◆ Swamp School Course: Certified Wetland Botanist
- ◆ EUCI Course: Endangered Species Act, Wetlands, and Stormwater Regulatory Compliance for Energy & Utilities
- ◆ Massachusetts Association of Conservation Commissions (MACC) Training Program: Riparian Communities

April 2022

- ◆ Swamp School Course: Standard Wetland Delineation Training (Classroom/Field)
- ◆ Swamp School Course: Stream Restoration Level V – Stream Monitoring and Departure Assessment

May 2022

- ◆ Rutgers Office of Continuing Professional Education Course: Wetland Construction: Principles, Planning, and Design
- ◆ Rutgers Office of Continuing Professional Education Course: Restoration Ecology
- ◆ Environmental Concern Course: Basic Wetland Delineation
- ◆ Rutgers Office of Continuing Professional Education Course: Vegetation Identification for Wetland Delineation: North

June 2022

- ◆ Rutgers Office of Continuing Professional Education Course: Hydric Soils
- ◆ Environmental Concern Course: Wetland Plant ID
- ◆ Rutgers Office of Continuing Professional Education Course: Methodology for Delineating Wetlands



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>.

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