



Photo by Scott Brown

Welcome to the Michigan Waterfront Alliance

Update for Monday, April 15, 2024



**MICHIGAN
WATERFRONT
ALLIANCE**

Michigan Waterfront Alliance (MWA) is a 501(c) 4 non-profit corporation formed over twenty years ago in order to effectively advocate for the creation or preservation of state laws, and/or policies designed to protect, preserve, and promote the sustainable and wise use of our state's immense treasure of high quality freshwater resources. Our primary mission will be accomplished by pro-active participation in Michigan's legislative process (lobbying), by participating in court cases whose outcomes may have significant statewide ramifications, and/or by direct involvement with natural resources management, or environment focused state agencies or departments.





facebook

The Economic Value of Michigan's
Inland Lakes

by
Scott Brown, M. S.

Director
Michigan Waterfront Alliance

Secretary
Michigan Chapter,
North American Lake Management Society

“The lakes are the
brightest gems in the
corona of the State.
They are the most
beautiful and



expressive features
of the landscape in
the region wherein
they abound.”

Source: THE LAKES OF NORTHERN INDIANA
AND THEIR ASSOCIATED MARL DEPOSITS

BY W. S. BLATCHLEY & GEORGE H. ASHLEY,
1897



[Click here](#) to download and view the entire pdf document entitled the

'The Economic Value of Michigan's Inland Lakes'



MiCorps
Monitoring Michigan's Water Quality

Working Together for Healthy Lakes
2024 Joint Conference
October 2-4 Grand Rapids

Join us!

Every two years the Michigan Inland Lakes Convention brings together lake enthusiasts, researchers, managers, and educators. The Convention is hosted by the Michigan Inland Lakes Partnership, a collaboration of diverse organizations with a common mission to advance stewardship of Michigan's inland lakes. We invite you to join us Grand Rapids, October 2-4, 2024, to learn and share the latest innovations and ideas in lake stewardship and to network with others who share your passion for lakes. Convening in partnership this year with the [Michigan Clean Water Corps \(MiCorps\)](#), our statewide volunteer lake and stream monitoring program, this year's theme is "Working Together for Healthy Lakes".

The 2024 Convention venue is the [Sheraton Grand Rapids Airport Hotel](#).

Agenda

The Convention will kick off with an Opening Reception the evening of Wednesday, October 2, followed by two full days of presentations, workshops, and networking opportunities on Thursday and Friday, October 3 and 4. Details will be announced here as they develop.

Call for Abstracts

Our call for abstracts is now open and will close on May 19, 2024. We are seeking presentations and workshops that focus on current and emerging research, management strategies, policy, and education for conserving and protecting inland lakes, including topics relevant to volunteer monitoring of lakes and streams.

Abstracts may be submitted for a:

1. 30-minute oral presentation
2. 90-minute session (must include three 30-minute presentations organized into a coherent, themed session)
3. 1.5- or 3-hour interactive workshop
4. 5-minute lightning talk

Abstract submission guidelines

- Submission deadline for abstracts and session proposals: May 19, 2024, at 11:59 PM ET.
- All abstracts must be submitted through our online form and must include a title, abstract (summary), and names and affiliations of all presenters and co-authors.
- The title of the abstract must not exceed 100 characters.
- Abstracts must not exceed 250 words.
- Speakers are expected to present in person and presentations will not be recorded or virtually available.
- 90-minute session submissions must include an overarching session title followed by three presentation titles, speaker names, and abstracts for each presentation within the session.
- The Michigan Inland Lakes Partnership does not endorse specific products or services. Presentations should avoid promoting an individual company or selling a product.

[Submit an Abstract](#)

Registration

Convention registration will open in July.

Lodging

The 2024 Convention venue is the [Sheraton Grand Rapids Airport Hotel](#). Overnight

lodging is available at the Convention group rate of \$149/night. The last day to book and receive the group rate is September 2, 2024.

Reserve a Hotel Room

Call for Sponsors and Exhibitors

A call for sponsors and exhibitors will be announced soon.

Additional Convention Information

Continuing Education Credits

We will be applying for a variety of Continuing Education Credits for interested attendees. In the past we have been able to offer a variety of options, including Pesticide Applicator Recertification credits from the Michigan Department of Agriculture and Rural Development.

Convention Contacts

You are welcome to direct any questions you have about the Convention to the event Co-Chairs: [Jo Latimore](#) of Michigan State University Extension or [Julia Kirkwood](#) of the Michigan Department of Environment, Great Lakes, and Energy.

We also invite you to stay in touch with the Michigan Inland Lakes Partnership by joining our [email list](#), and following us on [Facebook](#), [X \(formerly Twitter\)](#), or [Instagram](#).



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY



FOR IMMEDIATE RELEASE

April 12, 2024

EGLE Media Office, EGLE-Assist@Michigan.gov, 517-284-9278

EGLE announces \$91.4 million in MI Clean

EGLE announces \$91.4 million in MI Clean Water grants to help Michigan communities upgrade water infrastructure, protect health, environment

New water mains in Ecorse, sewer line upgrades in Benton Harbor, and lead service line replacements in multiple communities are the goals of more than \$91 million in state grants recently awarded to Michigan communities.

The [MI Clean Water Plan](#) grants through the Drinking Water State Revolving Fund (DWSRF), the Clean Water State Revolving Fund (CWSRF), the Emerging Contaminants in Small or Disadvantaged Communities Grant Program (EC-SDC), and support from the federal American Rescue Plan Act (ARPA) aim to help communities upgrade aging infrastructure, ensure healthy drinking water, and protect Michigan's environment.

Seventy percent of Michiganders are served by more than 1,000 community wastewater systems and a similar percentage get drinking water from community water systems. Those systems often struggle to find resources to address legacy issues like aging drinking water and stormwater facilities and emerging challenges like new standards for Per- and Polyfluoroalkyl Substances (PFAS) "forever chemicals."

Governor Gretchen Whitmer, the Michigan Legislature, and federal agencies have ramped up funding for aging water infrastructure – a critical move to help ensure those water systems continue to protect public health and the environment, including Michigan's unmatched freshwater resources.

More than half of EGLE's budget has traditionally passed through to Michigan cities, towns, villages, and other local government agencies to finance critical improvements that help them better protect residents and our natural resources.

"Ensuring healthy drinking water and safeguarding our Great Lakes and streams is an all-hands-on-deck effort," said Phil Roos, EGLE director. "This \$91.4 million will help 20 communities accelerate critical projects like lead service line replacements and sewer system rehabilitations. Our MI Clean Water grants are examples of how EGLE and the Whitmer Administration are working to braid state, federal, and local resources to rebuild water infrastructure across the state."

Grant roundup

Recent grants through the DWSRF:

- City of Ecorse for \$7,575,000. Ecorse will replace approximately 10,000 linear feet of existing watermain in areas where watermains are experiencing frequent breaks and low pressures. These replacements will occur along 2nd, 7th, 5th, 8th, Beach, and Mill Streets. Watermain will be upsized from 6-inch mains to 8-inch ductile iron mains and an existing 12-inch main will be replaced. An estimated 135 lead or galvanized service line replacements with copper

services are planned concurrent with the watermain replacement projects throughout the city.

- Charter Township of Union for \$10,985,000. This project includes the construction of a Type 1 production well, critical improvements and expansions of the Isabella Treatment Facility including expansion of the plant to accommodate a filter room equipped with one iron removal filter and a high service pump room equipped with two High Services Pumps, chemical feed, mechanical piping, and associated accessories. It is anticipated that approximately 60 lead service lines will be identified and replaced as part of the project.
- Charter Township of Grayling for \$3,612,000. This grant provides the remaining financing needed to complete the project identified and initially funded under the EC-SDC program. Total project funding is \$25,060,000.

Recent grants through the CWSRF:

- City of Melvindale for \$4,160,000. This project includes pump station rehabilitation, construction of a wet weather storage tank, and sanitary sewer televising in the City of Melvindale (Melvindale). Melvindale has an administrative consent order for correction of sanitary sewer overflow (SSO). Pump station rehabilitation will occur at the Greenfield Road pump station and will include pump, valve, pressure sensor, and gas monitoring system replacements as well as the addition of a one-million-gallon secondary storage tank to manage overflows during wet weather. City-wide sanitary sewer televising for the city's asset management plan will clean and televise approximately 35,000 linear feet of Melvindale's sewer system to help identify areas that need repair and/or lining.
- City of Benton Harbor for \$19,577,200. This project includes the replacement/rehabilitation of gravity sanitary sewer along numerous streets throughout Benton Harbor for structural integrity and/or to eliminate sanitary sewer overflows, assorted upgrades at eight sanitary lift stations, and continued efforts related to Benton Harbor's asset management plan (AMP), including televising gravity sewer via CCTV, and compiling data gathered into Benton Harbor's Geographic Information System map. This work is required for Benton Harbor to comply with their Administrative Consent Order.

Additionally, 11 water systems received grants for work related to the physical verification of service lines at properties where lead is suspected but not confirmed or where service line material is unknown but likely contains lead. The process to accomplish this effort includes hydrovacing on either side of each curb stop and performing in-building investigation to document service line materials. This project includes applicable restoration to original condition of hydrovaced locations. Hydrovacing involves a piece of equipment that uses high-pressure water to cut and liquefy the soil, while simultaneously using high volume vacuum to remove the soil from the excavation.

The eleven recipients and their respective amounts:

- City of Portland, \$256,500
- City of Caseville, \$143,998
- New Buffalo Township, \$106,000
- City of Davison, \$104,951
- Au Sable Charter Township, \$107,100
- Village of Benzonia, \$84,000

- Village of Mattawan, \$87,000
- City of Coloma, 198,000
- City of Saugatuck, \$221,600
- Village of South Range, \$187,650
- City of Adrian, \$510,000

Earmarks through Federal ARPA:

City of Traverse City for \$2,000,000. This project includes the removal and replacement of approximately 200 lead service lines within the city.

- Downriver Utility Wastewater Authority for \$10,000,000. This project involves replacement of the ultraviolet (UV) disinfection system that is at the end of its useful life and is no longer serviced by the manufacturer. The existing equipment will be removed, and structural modifications will be made to the five UV channels, weirs, gates, and other ancillary components surrounding the UV system to accommodate the new equipment.
- Genesee County Drain Commissioner Division of Water & Waste Services for \$10,000,000. This project involves the construction of digesters at the Anthony Ragnone Wastewater Treatment Plant (ARTP) located in Montrose, Michigan. The digesters will reduce the volume of biosolid waste and create renewable energy in the form of natural gas. This grant will specifically be used to construct three Combined Heat and Power (CHP) generators to produce electricity and heat that can be used at the ARTP. Biogas cleaning and conditioning equipment necessary to meet gas quality standards is also included.

Grants through ED-SDC:

- Charter Township of Grayling for \$21,448,000. The Grayling Army Airfield is a 923-acre area where Aqueous Firefighting Foam (AFFF) was used and stored over the last several decades. Numerous wells within Grayling Township have been found to be contaminated with PFAS above the U.S. Environmental Protection Agency's Lifetime Health Advisory. There are five distinct areas that have been impacted or are likely to be impacted in the future, one to the east of the airfield, two to the southwest of the airfield, and two on the shores of nearby Lake Margrethe.

Descriptions of funding sources

*Drinking Water State Revolving Fund: Low-interest loan program to help public water systems finance the costs of replacement and repair of drinking water infrastructure to protect public health and achieve or maintain compliance with federal Safe Drinking Water Act requirements. The DWSRF provides loans to water systems for eligible infrastructure projects. As water systems repay their loans, the repayments and interest flow back into the DWSRF to support new loans. ARPA funding operates as a grant and may be used in combination with loan dollars to reduce the financial burden on communities to pay for capital improvement debt. **ARPA funded grants** awarded this fiscal year: \$218,398,719.*

Clean Water State Revolving Fund: Used by local municipalities to finance construction of water pollution control projects. These projects include wastewater treatment plant upgrades and

expansions, combined or sanitary sewer overflow abatement, new sewers designed to reduce existing sources of pollution, and other publicly owned wastewater treatment efforts that improve water quality. The CWSRF can also finance stormwater infrastructure projects to reduce nonpoint sources of water pollution caused by things like agricultural runoff to lakes, streams, and wetlands. As with the DWSRF, ARPA funds can be used in conjunction with CWSRF loan dollars, thereby reducing the debt communities pay for infrastructure improvements. **ARPA-funded grants** awarded this fiscal year: \$137,982,009.

Drinking Water Asset Management Program: Provides grant funding to assist drinking water suppliers with asset management plan development and updates, and/or distribution system materials inventories as defined in Michigan's revised [Lead and Copper Rule](#). Awarded this fiscal year: \$19,695,817.

Consolidation and Contamination Risk Reduction Program: Established to aid drinking water systems to help remove or reduce PFAS or other contaminants. Awarded this fiscal year: \$20,336,215.

Substantial Public Health Risk Project Program: Protects public and environmental health by removing direct and continuous discharges of wastewater from surface or groundwater. Awarded this fiscal year: \$8,000,000.

Emerging Contaminants in Small or Disadvantaged Communities Grant Program: Provides states and territories with grants to public water systems in small or disadvantaged communities to address emerging contaminants, including PFAS.

Additional Background

- Since January 2019 the State of Michigan has invested over \$4 billion to upgrade drinking water, stormwater, and wastewater facilities across the state, supporting over 57,000 jobs.
- In 2022, Governor Whitmer signed a [package of bills](#) to help communities access funding for water infrastructure.





Have fish, will travel: Creating fishing opportunities statewide

Have you seen fish stocking trucks on the road this spring? If not, chances are you soon will! Our stocking season is underway, and this time of year you'll find DNR trucks releasing their prized cargo at hundreds of lakes and streams throughout the state.

Fish stocking is a valuable tool fisheries managers use for different reasons, including:

- Restoring ecosystem balance.
- Providing diverse fishing opportunities.
- Rehabilitating low fish populations.
- Reintroducing extirpated (locally extinct) species.

The DNR does not stock on top of wild populations when it can be avoided. Fish production staff members take great pride in the quality of the fish they produce, but when feasible prefer to rely on naturally reproducing fish that are adapted to their local ecosystem.

“Sometimes, the combination of angling pressure – sustained fishing – and habitat limitations in some areas will keep wild fish from maintaining the desired population level on their own,” said Aaron Switzer, DNR fish production manager. “In those instances, we’ll stock hatchery fish to supplement natural reproduction.”

The DNR accomplishes this work by rearing fish at its six fish production facilities throughout the state, cooperatively managing up to 29 rearing ponds and six Great Lakes imprinting net pen/pond locations (which help developing fish return to spawning waters when mature) and maintaining a fleet of 17 specialized fish stocking vehicles.

DNR crews stock more than 20 million fish – that's over 350 tons – every year. Species include

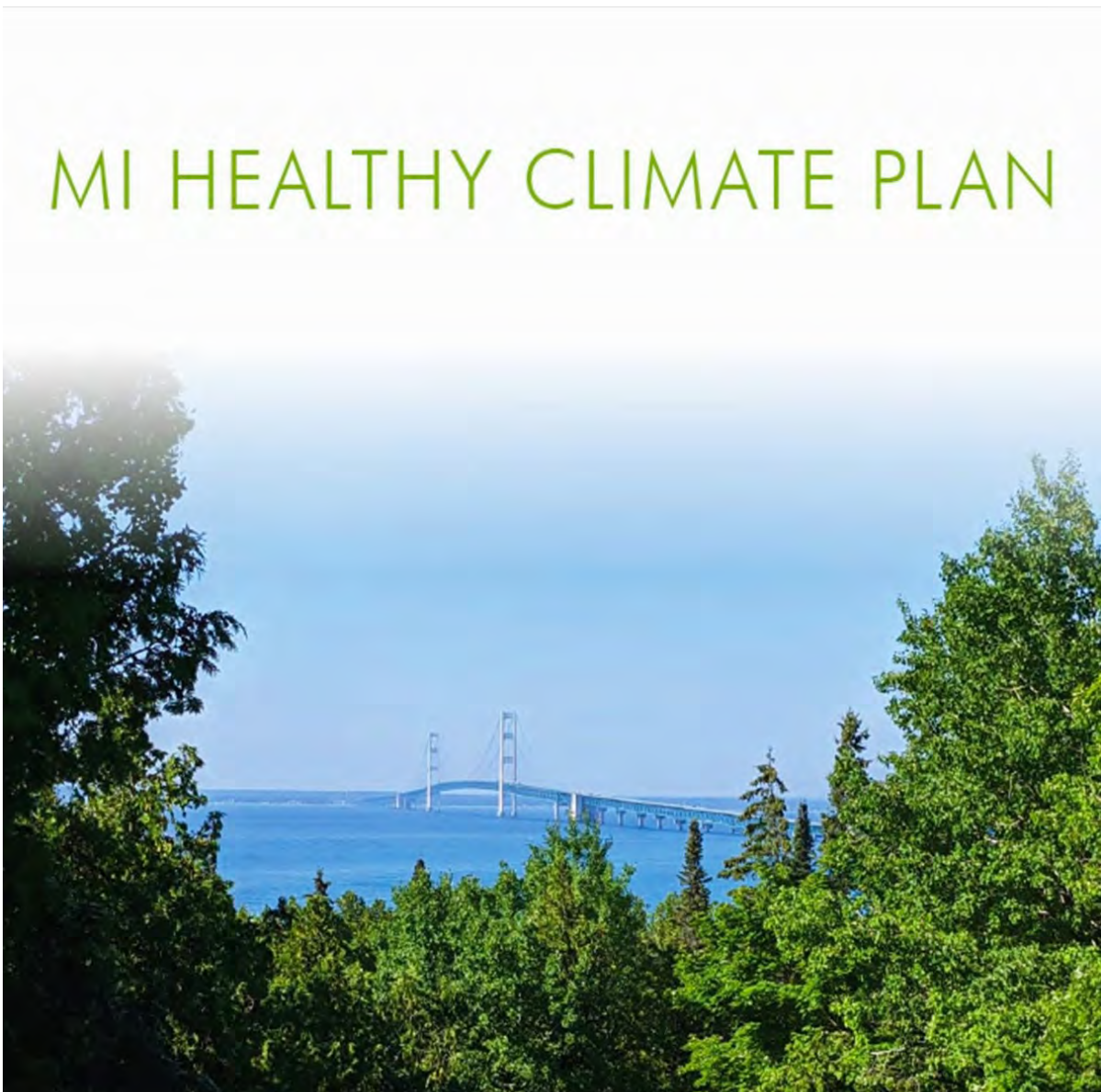
steelhead; lake sturgeon; Atlantic, Chinook and coho salmon; splake (a hybrid between lake trout and brook trout); and brown, brook, lake and rainbow trout, as well as muskellunge and walleye. Beginning in mid-March and ending in early June, DNR fish stocking trucks travel well over 100,000 miles to stock more than a thousand locations.

People often wonder where and why fish are stocked in a particular lake or stream – in fact, it's one of the DNR's most frequently asked questions. Some of the determining factors include a body of water's current habitat, available forage fish and the concentration of predators and/or competitors.

If you'd like to see whether fish have been stocked in your favorite spots, visit michigandnr.com/fishstock.

Questions? Contact [Aaron Switzer](#) at 231-383-2565.

MI HEALTHY CLIMATE PLAN





To download a copy of the **MI Healthy Climate Plan**, [click here](#)



Please Consider Donating, and/or Becoming a Dues Paying Member of Michigan Waterfront Alliance Today

Please don't count on others to support the only organization in Michigan that is completely dedicated to voicing your legitimate concerns to our state legislators in Lansing

concerns to our state legislators in Lansing.

We hire professional lobbyists - [Karoub Associates](#) - who understand the intricacies of dealing with state government - to reach out to our legislators. As you might imagine, the cost of hiring a professional, highly respected Lansing-based lobbying firm whose downtown Lansing office is located within a literal stone's throw of Michigan's state capitol building is expensive - we believe, however, that to have someone in constant contact with our state senators and representatives it is more than worth the significant on-going expense.

To put it in blunt "no ifs, ands, or buts" terms, without your generous support we will be unable to continue our erstwhile efforts in Lansing.





DNR News

April 2, 2024

Contact: [Jeremiah Blaauw](#), 906-235-7679

DNR says fish kills may be common during spring thaw

After ice and snow cover melt on Michigan lakes this spring, it may be more likely for people to discover dead fish or other aquatic animals. While such sights can be startling, the Michigan Department of Natural Resources reminds everyone that it is normal, since winter conditions can cause fish and other creatures such as turtles, frogs, toads, and crayfish to die.

"Winterkill is the most common type of fish kill," said Jeremiah Blaauw, DNR Fisheries Division biologist. "As the season changes, it can be particularly common in shallow lakes, ponds, streams and canals. These fish deaths are localized and typically do not affect the overall health of the fish populations or fishing quality."

Shallow lakes with excess aquatic vegetation and soft bottoms are more prone to this problem, particularly when a deep snowpack reduces sunlight for the plants. Canals in urban areas also are quite susceptible due to the large amounts of nutrient runoff and pollution from roads and lawns and septic systems that flow into these areas, especially from large storm events.

Fish and other aquatic life typically die in late winter but may not be noticed until a month after the ice leaves lakes. That's because the dead fish and other aquatic life are temporarily preserved by the cold water. Fish also may be affected by rapid changes in water temperature due to unseasonably warm temperatures leading to stress and, sometimes, mortality.

Fish can become easily stressed in winter due to low energy reserves because feeding is at a minimum in winter. They are then less able to handle low oxygen and temperature swings.

Dissolved oxygen is required by fish and all other forms of aquatic life. Once daylight is greatly reduced by ice and snow cover, aquatic plants stop producing oxygen and many die. The bacteria that decompose organic materials on the bottom of a lake use the remaining oxygen in the water. Once the oxygen is reduced and other aquatic animals die and start decomposing, the rate that oxygen is used for decomposition is additionally increased – that means that dissolved oxygen levels in the water decrease even further, leading to increasing winterkill.

.....

"We are expecting less mortality events this year with the limited ice cover we experienced throughout the majority of the state," Blaauw said. "People should still report their observations. We are especially interested in knowing what species of fish were observed, numbers observed, the estimated sizes of fish observed, and if it appears to be an ongoing mortality event."

Learn more about [fish kills](#) and other fish/fisheries-related resources at Michigan.gov/Fishing.

The public is welcome to report fish kills using the DNR's [Eyes in the Field website](#); such reports are valuable to the DNR's ability to manage the state's aquatic resources. If you suspect a fish kill is due to non-natural causes, call the [nearest DNR office](#) or Michigan's Pollution Emergency Alert System at 800-292-4706.



Events Listing

All times Eastern. "\$" indicates there may be a cost to participate.

April 16, 6:00 PM: **Choose native** (*choosing native species for landscaping and water gardening*). Presented by Native Creations Landscaping Services. Host: Pennsylvania Sea Grant and Penn State Extension.

April 18, 11:00 AM: **Greenhouse gas emissions from inland waters: Reach through global scale** (Part of the Women Advancing River Research 2024 Seminar Series). Presented by Amanda DelVecchia, University of North Carolina, Chapel Hill, and Taylor Maavara, University of Leeds.

April 18, 5:30 PM: **Protecting our health and waters: Why effective septic systems matter.** Host: League of Women Voters Northern Lower Michigan.

April 23, 10:00 AM: **Developing an aquatic macrophyte monitoring protocol for Michigan's inland lakes: Lessons learned after two field seasons.** Presented by Jeremy Hartsock, Michigan State University. Host: Michigan Wetlands Association. \$

April 23, 2:00 PM: **Quantifying the impacts of climate change on fish growth and production using the largest-ever database of Midwest glacial lakes fisheries surveys to enable sustainable management.** Presented by Paul Frater, University of Wisconsin-Madison and Wisconsin DNR; Lyndsie Wszola, University of Missouri; Luoliang Xu, University of Wisconsin-Madison; and Michael Verhoeven, University of Minnesota. Host: Midwest Glacial Lakes Partnership.

NEW April 25, 3:00 PM: **Harmful Algal Bloom Interception, Treatment, and Transformation System - HABITATS.** Presented by Martin Page, US Army Corps of Engineers ERDC. Host: Great Lakes HABs Collaborative.

April 30, 2:00 PM: **Valuing lake water quality in the United States using a national dataset on property values.** Presented by Saleh Mamun, University of Minnesota. Host: Midwest Glacial Lakes Partnership.

May 21, 9:00 AM: **A Herculean task: Containing the first hydrilla infestation in Michigan.** Presented by Billy Keiper, Michigan Department of Environment, Great Lakes, and Energy. Host: Michigan Invasive Species Program.

May 22, 2:00 PM: **Tall tales: Stories of progress in invasive Phragmites management in Minnesota.** Presented by Chelsey Blanke, Julia Bohnen, and Daniel Larkin, University of Minnesota. Host: University of Minnesota AIS Detectors Program.

June 20, 11:00 AM: **Unraveling water pathways and their impact on water quality.** (Part of the Women Advancing River Research 2024 Seminar Series). Presented by Julia Knapp, Durham University; and Catalina Segura, Oregon State University.

June 25, 9:00 AM: **Invading classrooms: Empowering students to take action on invasive species.** Presented by Beth Christiansen, Lake Superior State University. Host: Michigan Invasive Species Program.

July 31, 2:00 PM: **Fantastic weeds and where to find them: Seeking starry stonewort.** Presented by Alex Bajcz, John Fieberg, and Dan Larkin, University of Minnesota. Host: AIS Detectors Program, University of Minnesota.

August 15, 11:00 AM: **Salty waters: Understanding de-icer dynamics and impacts from**

August 16, 11:00 AM: [**Salty Water: Understanding the dynamics and impacts from source to stream.**](#) (Part of the Women Advancing River Research 2024 Seminar Series). Presented by Lauren McPhillips, Penn State; and Claire Oswald, Toronto Metropolitan University.

October 8, 2:00 PM: [**Learning from the past to manage inland lake fisheries for the future.**](#) Presented by Karen Alofs, University of Michigan. Host: Midwest Glacial Lakes Partnership.

October 15, 2:00 PM: [**Inland lake shoreline assessment and best management practices in Michigan.**](#) Presented by Eric Calabro, Michigan Department of Environment, Great Lakes, and Energy. Host: Midwest Glacial Lakes Partnership.

October 22, 2:00 PM: [**The National Lakes Assessment: A collaborative survey of lakes in the United States.**](#) Presented by Lareina Guenzel, US Environmental Protection Agency. Host: Midwest Glacial Lakes Partnership

October 29, 2:00 PM: [**Basics of shoreline erosion control: New documents to help in design and management.**](#) Presented by Julia Kirkwood, Michigan Department of Environment, Great Lakes, and Energy; and Jen Buchanan, Red Twig Environmental, LLC. Host: Midwest Glacial Lakes Partnership.

December 10, 2:00 PM: [**MGLP Lake Conservation Grant: Information for potential applicants.**](#) Presented by Joe Nohner, Michigan DNR and Midwest Glacial Lakes Partnership. Host: Midwest Glacial Lakes Partnership.

Ongoing: [**Michigan Paddle Stewards**](#) (three-hour, self-paced online course teaches paddlers to identify, report, and prevent the spread of aquatic invasive species). Host: Michigan Sea Grant.

You may also wish to explore these websites for additional events, recordings of past events, and more:

[Michigan Inland Lakes Convention presentation recordings](#)

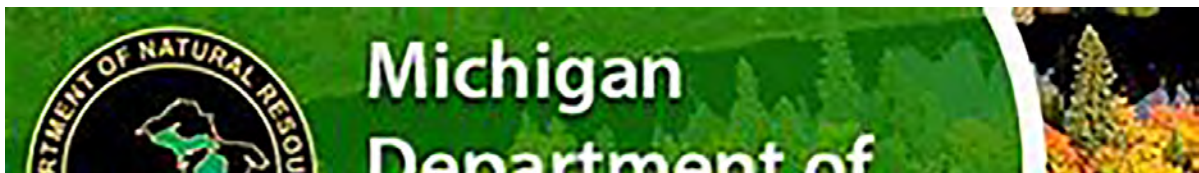
[Michigan Lakes and Streams Association](#)

[Michigan State University Extension](#)

[Midwest Glacial Lakes Partnership](#)

[North American Lake Management Society](#)

To have your live webinar or virtual event included here, [contact us](#).





March 28, 2024

We want your input! Share your thoughts with the DNR at upcoming meetings

The MI Department of Natural Resources is committed to providing Michigan residents the opportunity to share input and ideas on policy decisions, programs and other aspects of natural resource management and outdoor recreation opportunities.

One important avenue for this input is at meetings of the public bodies that advise the DNR and, in some cases, also set policies for natural and cultural resource management. Frequently check the [DNR boards, commissions, committees and councils webpage](#) for updates.

The links below will take you to the webpage for each group, where you will find meeting details such as location and agenda (when finalized). Please check these pages often, as meeting details may change and sometimes meetings are canceled.

April meetings

- [Belle Isle Park Advisory Committee](#) – Thursday, April 18, 9 a.m. (Contact: Barbara Graves, 517-284-6135).
- [Forest Management Advisory Committee](#) – Wednesday, April 17, at 1 p.m. (Contact: Kim

Korbecki, 517-582-3220).

- [Michigan Natural Resources Trust Fund Board](#) – Wednesday, April 17, 9 a.m. (Contact: Jon Mayes, 517-284-5954).
- [Michigan State Waterways Commission](#) – Friday, April 26, 10:30 a.m. (Contact: Michelle Wieber, 517-285-0747).
- [Nonmotorized Advisory Workgroup](#) – Thursday, April 18, 10 a.m. (Contact: Annalisa Centofanti, 517-331-6219).
- [Pigeon River Country Advisory Council](#) – Thursday, April 18, 5 p.m. (Contact: Mark Monroe, 989-983-4101).
- [Timber and Forest Products Advisory Council](#) – Friday, April 19, 8:30 a.m. (Contact: Kimberley Korbecki, 517-582-3220 or 517-284-5876).
- [Tribal Co-Management Citizens Fishery Advisory Committee \(New\)](#) – Thursday, April 18, 10 a.m. (Contact: Dave Caroffino, 231-350-8654).
- [Warmwater Resources Steering Committee](#) – Monday, April 22, 10 a.m. Contact: Seth Herbst, 517-388-7759).

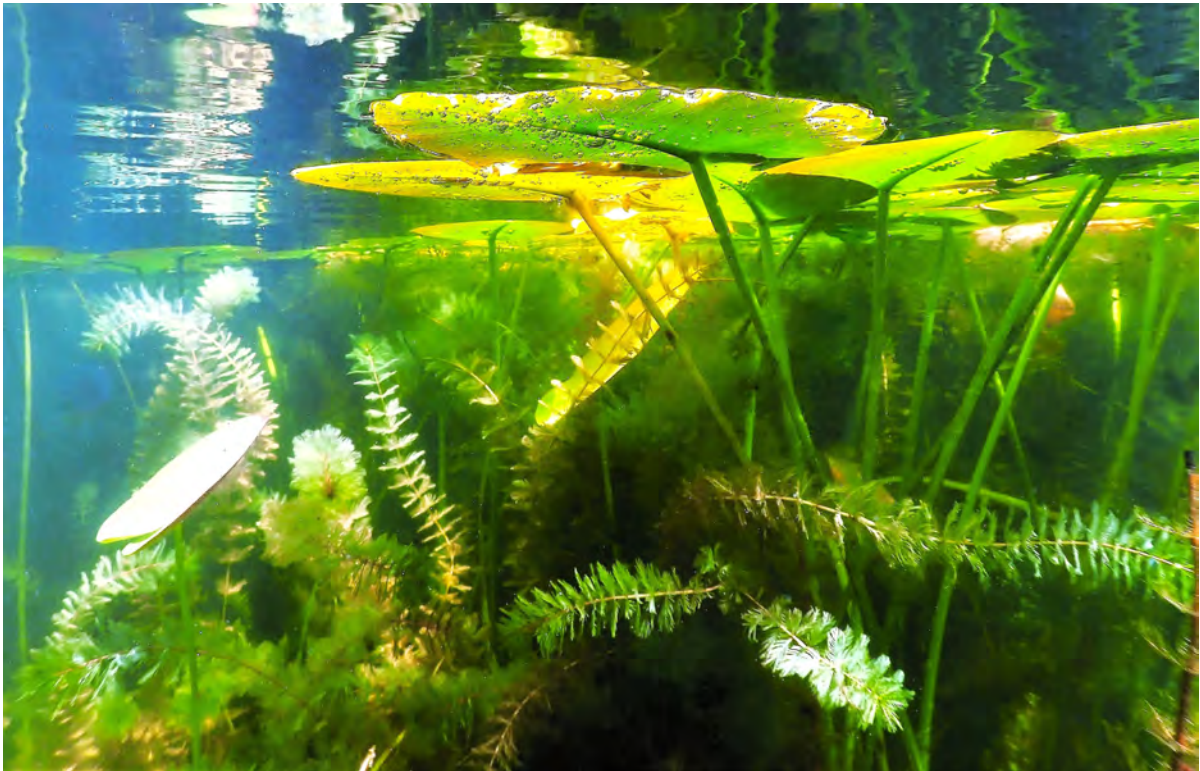


Photo by Scott Brown



2024 MGLP Lake Conservation Webinars

We are excited to announce our 2024 Lake Conservation Webinars. These free webinars address a diverse range of lake and fish habitat management issues from assessments of property lake health or property values nationwide to nutrient sourcing for one lake; from shoreline restoration techniques to farmer-led conservation coalitions; and from climate change to shoreline erosion. Check out our lineup below and register using the links provided. You can view the full list of webinars plus recordings of past webinars on our [Lake Conservation Webinars webpage](#).

Each Fall, the **Midwest Glacial Lakes Partnership** advertises the request for proposals to its [Lake Conservation Grant](#). Do you have a conservation, assessment, or outreach project that would benefit glacial lakes in the partnership? Would you like to learn more about the types of projects the MGLP is seeking, past successes, and technical details for grant submission? This informational session will provide an overview of Lake Conservation Grant success stories, the grant proposal process, and grant implementation. There will also be plenty of opportunity to ask your own questions about the grant program during this session.

Would you like to present a future MGLP Lake Conservation Webinar? We want to hear from YOU! We encourage speakers from diverse backgrounds and areas of expertise in our webinar series. Please [email MGLP Coordinator Joe Nohner](#) to express your interest.

[Connect with us on Twitter](#)

The Midwest Glacial Lakes Partnership brings together resource agencies, non-profit organizations, and other stakeholders to protect, rehabilitate, and enhance sustainable fish habitats in naturally formed lakes of the Midwest. We foster collaborations on fish habitat science, education and outreach, and conservation.





If not **you**, then **who**?

you!

We need **y o u .**

Michigan Waterfront Alliance (MWA) is the only **all-volunteer** non-profit organization in Michigan that is dedicated to reaching out on a daily, pro-active basis to our state representatives and senators about **their** on-going need to act **now** to protect our precious inland lakes, wetlands, rivers, and streams.

Please do not expect other lake associations, other individuals, and other corporations to fund MWA's efforts in Lansing.

If **you** want your voice to be heard in Lansing **you** need to be the other **lake association**, the other **individual**, and the other **corporation** to make a generous contribution to helping fund our on-going efforts in Lansing.

Please don't count on others to support the only organization in Michigan that is completely dedicated to voicing your legitimate concerns to our state legislators in Lansing.

We hire professional lobbyists - [Karoub Associates](#) - who understand the intricacies of dealing with state government - to reach out to our legislators. As you might imagine, the cost of hiring a professional, highly respected Lansing-based lobbying firm whose downtown Lansing office is located within a literal stone's throw of Michigan's state capitol building is expensive - we believe, however, that to have someone in constant contact with our state senators and representatives it is more than worth the significant on-going expense.

To put it in blunt "no ifs, ands, or buts" terms, without **your** generous support we will be unable to continue our erstwhile efforts in Lansing.

Please also remember that with the exception of a few relatively minor expenses related to keeping our website updated, and on-line, and a few relatively minor costs associated with distributing our e-newsletter, **all** of our membership and donation derived income goes to paying our downtown Lansing-based lobbying firm, and our attorneys. No exorbitant employee salaries or fringe benefit packages to pay!!!!!!!!!!

It is also important to note that last year **Michigan Waterfront Alliance** lawyers took a case all the way to the Michigan Supreme Court in order to get the State of Michigan to do it's job in protecting our lakes, rivers, streams, and wetlands.

Thank you for reading and considering this hopefully convincing appeal for donations - **no amount is considered too small** - all donations of money are happily received and acknowledged within the context of the generous spirit that prompted them!!!!!!!

[Click here](#) to become a dues paying member of MWA

[Click here](#) to make a generous donation to MWA





Share your thoughts with the DNR at upcoming meetings

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One important avenue for this input is at meetings of the public bodies that advise the DNR and, in some cases, also set policies for natural and cultural resource management.

Frequently check the [DNR boards, commissions, committees and councils webpage](#) for updates.



Join Michigan Waterfront Alliance!

**We Need the Support of People Who Care about Preserving
and Protecting our Extraordinarily Valuable Freshwater Resources**

for Future Generations Now!!!

- Are you tired of funding the management of aquatic invasive species on your lake that were introduced by recreational boaters using the local MI Department of Natural Resources public boating access site?
- Are you just a bit angry that recreational boaters using your lake are not being asked to contribute their fair share to combat the negative influences of aquatic invasive species?
- Are you worried about the fact that your lakefront residential property values are being negatively influenced by the steadily increasing presence of aquatic invasive species?
- Are you concerned about the fact that it is nearly impossible to find an inland lake in Michigan that does not currently host one or more potentially harmful aquatic invasive species?
- Are you aware of the fact that inland lakes are Michigan's most valuable natural resource, and that our state legislature has thus far appropriated almost nothing in the way of budget resources to help ensure they remain healthy and viable?

If your answer is **yes** to any of these important questions, please help ensure that your voice is heard in Lansing by joining **Michigan Waterfront Alliance** today.

[Click here](#) to join Michigan Waterfront Alliance today...!!!



Michigan Environmental Council—a 501(c)(3) nonprofit organization—is a coalition of nearly 100 organizations created in 1980.

Our mission is to champion lasting protections for Michigan's air, water, and the places we love.

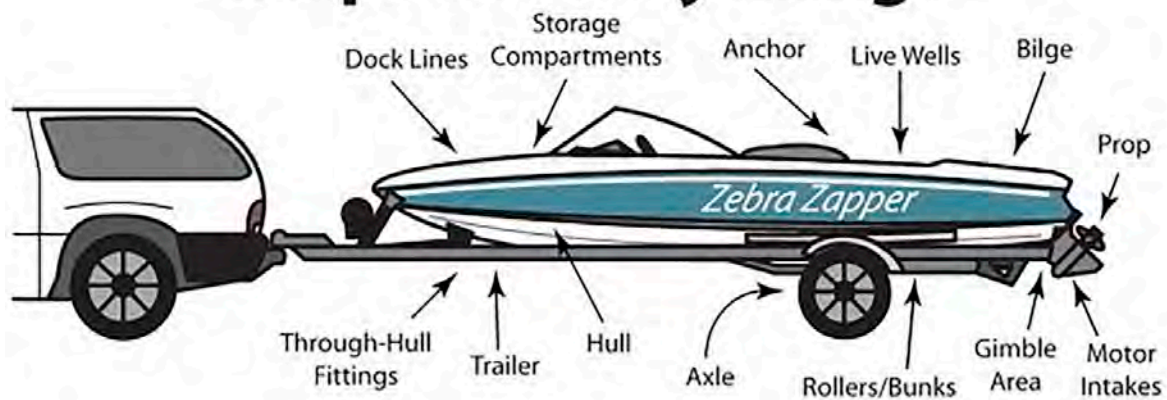
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In our vision, Michigan is a national environmental policy leader where a powerful network of advocates has built a track record of enacting enduring and equitable policies that protect the health of our communities and offer unparalleled stewardship of our land, air, and water in the face of climate change.

<https://www.environmentalcouncil.org/>



Before leaving and before launching...
inspect everything!



NotMISpecies Webinar Series

Invasive species pose a threat to Michigan's environment, economy, and sometimes even human health. What is at stake? What is being done? [This webinar series](#) explores how agencies, universities, and locally led organizations are working together to protect Michigan's natural resources through the Michigan Invasive Species Program. If you are concerned about the impacts of invasive species or interested in the techniques used to control them, join us as we examine species-specific actions, innovations in research and technology, and programs designed to help communities prevent and manage harmful invasive species. A question-and-answer period will follow each presentation. Recorded versions of all previous [NotMISpecies webinars](#) are available at Michigan.gov/EGLE/Outreach under "Featured Webinar Series."



Join McNALMS

If you share an interest in protecting and restoring Michigan lakes, we invite you to join the **Michigan Chapter, North American Lake Management Society (McNALMS)** and add your voice to our growing and active effort. With membership, you receive our informative newsletter; access to our parent organization's newsletter (national NALMS); reduced registration to our biennial **Lunch and Learn** meeting; eligibility to

apply to our Student Grants and other financial assistance programs; information on other grants, courses, fact sheets, and announcements; and becoming a part of a network of individuals and corporations interested in lake conservation.

[Click here](#) to join McNALMS



ATTENTION READERS!!!

In order to add your friends, neighbors, and/or fellow lake or watershed conservation focused association member e-mails to our growing list of water resource conservation minded people who would like to receive this Michigan freshwater resources focused twice monthly newsletter, contact Editor Scott Brown at scottb1952@gmail.com



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