

Michigan Chapter North American Lake Management Society

The purpose of McNALMS is to promote understanding and comprehensive management of Michigan's inland lake ecosystems

P. O. Box 4812
East Lansing, MI 48826

Visit our website at www.mcnalms.org

Presidential Ponderings

by Melissa DeSimone, McNALMS President

Well, that was fast. Here we are in October with all the hallmarks of fall around us and another lake season at its close. It is not, however, the end of the work we do to keep our lakes clean. We are all aware of the countless hours spent year in and year out with the health and protection of Michigan's lakes right at the core of our work. McNALMS appreciates your support as members but we are also looking for people interested in joining our board of directors. We could use your help planning events and choosing research projects to fund with our student grant fund dollars. Please reach out to me if you have interest in becoming a director at large or holding another of our open board positions.

We are excited to see the pandemic in the rearview mirror and the opportunity to bring people together again. On December 1st we will hold a [Lunch and Learn](#) event at Michigan State University on the topic of wake boats. There has been lots of talk about the enhancement of boat wakes for certain wake sport activities and how those wakes can affect shorelines and bottomlands. Join us to hear from the [Michigan Department of Natural Resources Fisheries Division](#) as well as the [Michigan Boating Industry Association](#). You can find details on our website, we hope to see you there.

You have probably heard that Hydrilla has been identified in Michigan, sounds like a Halloween horror story. We've been concerned about this invasive species for many years and now the Michigan Department of Environment, Great Lakes, and Energy is dealing with an infestation in Southern Michigan. I'm sure we will all be following this situation very closely. It would be devastating if we end up with another prolific species like Eurasian Watermilfoil or Starry Stonewort. All the more reason the work you do is so critical for the health of Michigan's lakes.

Just to make sure we end on a positive note, I want to extend my congratulations to Dr. Lois Wolfson on her retirement from the [MSU Institute of Water Research](#) and the [Department of Fisheries and Wildlife](#). You can read about her full career of important work in this article: [2018 Distinguished Academic Staff Awards](#). Thanks to Lois for all she has contributed to freshwater research so far and a special thank you for sticking with McNALMS after retirement. The work she continues to do for this organization is fantastic and we are lucky to be a part of her retirement plan.



Michigan Chapter, North American Lake Management Society (McNALMS) is a proud affiliate of the North American Lake Management Society, an organization that is dedicated to forging partnerships among citizens, scientists, and professionals in order to foster the management and protection of lakes and reservoirs...for today and tomorrow. To learn more about each of these organizations, visit their websites at :

www.nalms.org

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McNALMS 2023 Lunch and Learn: Current Perspectives on Wake Boats



The **Michigan Chapter, North American Lake Management Society** is excited to announce it's next in-person **Lunch and Learn** event. The topic will be on **Wake Boats**, and we'll have two guest speakers, Joe Nohner, Inland Lakes Habitat Analyst & Midwest Glacial Lakes Partnership Coordinator, Michigan Department of Natural Resources and Nicki Polan, Executive Director, Michigan Boating Industries Association. Wake boats are powerboats specially designed to increase wave height for watersports, such as surfing or tubing. Their popularity and sales have soared over the last decade. Several studies on wake boats and their effects on inland lakes have identified issues ranging from damage to shorelines, piers, and docks to hazardous conditions for swimmers and small non-motorized craft. Recently the Michigan DNR Fisheries Division released a report on voluntary best operating practices in support of the continued use of wake boats while minimizing the effects on natural resources and near shore property. The Michigan Boating Industries Association has publicized Wake Responsibilities through flyers, handouts, and signage and provided guidelines for operation of these vessels. Each speaker will discuss their agency's or organization's perspectives on wake boats and recommendations to minimize impacts.

**JOIN US FOR LUNCH AND PARTICIPATE IN AN INTERESTING AND INFORMATIVE EVENT
TO BE HELD IN ROOM 134 of BRODY HALL LOCATED ON THE MSU CAMPUS IN EAST LANSING
ON FRIDAY, DECEMBER 1ST, 2023 FROM 11:00 AM to 2:00 PM**

Registration is now open, and can be made on this [website](#) or through mail.

Registration deadline is **Monday, November 20, 2023**. For more information, contact: Lois Wolfson at wolfson1@msu.edu.

Register for the 2023 McNALMS **Lunch and Learn** event by [clicking here](#)



The Highly Invasive Exotic Aquatic Macrophyte Hydrilla Detected in Two Small Southwest MI Private Ponds

Considered one of the most invasive aquatic plants on the planet, exotic hydrilla was recently detected in two small adjacent ponds situated on private property in southwest Michigan's Berrien County. A native of central Africa, *Hydrilla verticillata* is a herbaceous perennial aquatic plant that is capable of thriving in a wide range of habitats including ditches, springs, marshes, rivers and inland lakes. Capable of both sexual and asexual reproduction, hydrilla rapidly forms dense meadows that may pose a threat to highly beneficial native *aquatic* plant species. It is important to note that exotic invasive hydrilla has been on the [Michigan Invasive Species Watch List](#) for many years.

Hydrilla

Scientific Name: *Hydrilla verticillata*

Ann St. Amand

September 17th, 1962 - October 7th, 2023

A Life of Love, Community, and Service



It is with heavy hearts that we announce the passing of Ann St. Amand, a beloved sister, wife, mother, and Nana, on October 7, 2023. Ann touched the lives of countless individuals through her unwavering commitment to her family and her deep involvement in the community. She leaves behind a legacy of love, compassion, and service that will forever be remembered. Ann was born on September 17th, 1962 to George and Jean Barger and grew up in Sarasota Florida. She was a caring sister to her siblings: Nelson, Amy, Erica, and James.

On November 10, 1984, Ann married the love of her life, Jeff St. Amand, and together they embarked on a journey filled with love and shared dreams. Their marriage was a testament to the power of love, partnership, faith, and mutual respect. Ann and Jeff celebrated 38 years of partnership before her passing.

As a mother, Ann provided unconditional love and support for her children: Megan, Gregory, Joseph, and Katherine. Her love and guidance helped shape them into the remarkable individuals they are today. Ann's role as Nana was one of her greatest joys. She cherished her time with her grandchildren, Harry and Jayce, and created lasting memories with them. Ann's family was the foundation of her life, and she carried the values of love, loyalty, and support into her own family.

For 33 years, Ann was the owner of [Phycotech](#), an environmental consulting business that she managed with integrity and dedication. Her business served as a platform to launch many forms of outreach to the schools and community with the participation of her staff, who she considered part of her extended family. She was active in the North American Lake Management Society (NALMS), serving in several leadership positions. Her commitment to excellence was evident in everything she did.

Dr. Ann gave freely of her time and resources as a volunteer towards multiple endeavors, including the Boys and Girls Club, Boy Scouts, Science Olympiad, Up Stream, Salmon in the Classroom, St. Joseph Marching Band, the Fresh Start Children's Garden, the Monarch Waystation, and many others.

Ann St. Amand's life was marked by her deep love for her family, her passion for community service, and her unwavering commitment to making the world a better place. Her legacy will continue to inspire us all to live with love, compassion, and dedication to her communities. Ann's memory will forever be cherished by her family, friends, and the countless lives she touched throughout her incredible journey.

To view Ann's obituary page on the **Starks Family Funeral Homes** website

[click here](#)

Remembering a Limnology Legend: Dr. Robert Evan Carlson

Posted on Monday, August 28, 2023 by [Princeton Hydro](#)

On July 31, 2023, renowned limnologist Dr. Robert Evan Carlson passed away after his battle with Parkinson's disease and multiple myeloma. Below is a statement by Princeton Hydro's Senior Technical Director of Ecological

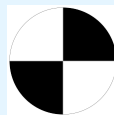


Services, Dr. Fred S. Lubnow, who speaks for all of us at Princeton Hydro, on the legacy that Dr. Carlson left on the field of limnology.

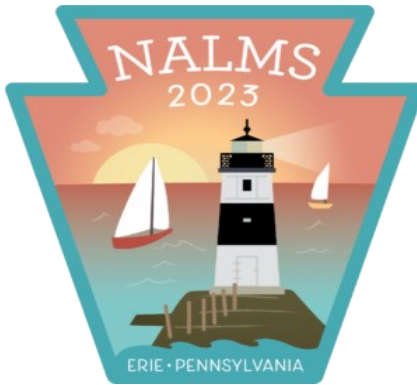
"The field of limnology, and ecology in general, recently lost one of its greats with the passing of Dr. Robert Evan Carlson. His contributions to the fields of limnology and lake management were numerous, but he is best known for the development of the Carlson Trophic State Index (TSI). This is an internationally accepted protocol of assessing the health of lakes, ponds, and reservoirs that is used by everyone – from lake associations and ecological consultants to local, state, and federal governments – as a means of determining both declines in water quality due to increased nutrient loading and/or climate change, and improvements through watershed management and in-lake control measures.

As mentioned in his [obituary](#), Dr. Carlson created the [Secchi Dip-in](#), which is an annual summer event where volunteers measure the clarity of lakes throughout North America to develop a database on the overall health and status of our inland waterbodies. This program has grown to be a staple during [Lakes Appreciation Month](#) in July, and his tradition will continue on in every sample collected by volunteers.

As both a professor at Kent State University and an environmental consultant through his company Clearwater Environmental Consulting, Inc., Bob was an incredible source of information on measures to restore, protect, and preserve our aquatic ecosystems. On a personal note, I have met and spoken with Bob from time to time at the [North American Lake Management Society's](#) annual conferences, and he was always willing to discuss and share his knowledge on lakes. Bob was always very friendly and generated a passion for freshwater ecology and management that was contagious. Bob will be sorely missed, but his legacy will live on as the TSI is widely used and the Great Secchi Dip-In continues in the future! Rest in Peace."



A celebration of his life will be held on **Saturday, November 4, 2023 at 2:00 PM** at the **Kent United Church of Christ, 1400 E. Main St. Kent, OH 44240**. Donations in Bob's memory can be made to the **Dr. Robert E. Carlson Scholarship in Ecology and Evolutionary Biology** at Kent State University. This scholarship offers stipends for students to travel to professional conferences, reflecting his passion for helping students in their studies and professional careers. Gifts to this scholarship fund can be made payable to The Kent State University Foundation and sent to The Kent State University Foundation, Attention: Gift Processing; P.O. Box 5190, 350 S. Lincoln St., Kent, Ohio 44242.



Sunday—Thursday
October 22–26, 2023

**Bayfront Convention Center
Erie, Pennsylvania**



At the time when climate change, invasive species risks, and cultural pressures threaten the natural environment and biodiversity of our fragile ecosystem, the opportunity to highlight and mesh the State of Pennsylvania and its rich diversity of aquatic habitats is long overdue.

The [Pennsylvania Lake Management Society](https://www.nalms.org/nalms2023/) is proud to welcome the [2023 North American Lake Management Society Conference](https://www.nalms.org/nalms2023/) to Lake Erie. As we endeavor to highlight our Great Lakes, Local Solutions agenda, Erie Pennsylvania provides the opportunity to explore Presque Isle State Park, a National Natural Landmark and The Tom Ridge Environmental Center, while indulging in the amenities of the Bayfront Convention Center and all that Erie has to offer.

Visit <https://www.nalms.org/nalms2023/> for more information about the
2023 North American Lake Management Society Conference

McNALMS Corporate Member Spotlight



How is RLS Different?

RLS is the only niche firm in the state of Michigan that offers ONLY lake restoration and management services. This is to best assist our lake communities with the best expertise possible that is needed for successful lake restoration projects.

Each RLS scientist is trained to target unique lake issues and offer cost-effective, ecologically sound, and sustainable strategies for optimum lake health.

<https://restorativelakesciences.com/>

MWA Mission Statement "This corporation is formed to protect, preserve and promote the wise use of inland waters – lakes, streams, rivers, creeks and the waters and bottomlands of the State of Michigan.

[Michigan Waterfront Alliance](#)

[Membership Application](#)

Please help us in our efforts to be a legislative "Watchdog" to protect Michigan's Inland Lakes & Streams.

Annual dues:

Individual membership \$50 Lake Associations \$100

Corporations \$200

Please print:

Name _____

Date: _____

Street _____

City _____ State _____

Zip _____ County: _____

Phone: _____

Email: _____

Make checks payable to: **Michigan Waterfront Alliance**

Send dues and contributions to: Michigan Waterfront Alliance

P. O. Box 369, Fenton, MI 48430

McNALMS Corporate Members 2023



Helpmylake.com



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Restorativelakesciences.com

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Michigan Inland Lake Partnership's Virtual Lake Learning Event Listing

Many organizations offer on-line learning opportunities throughout the year. For your convenience in helping to identify and track on-line events that may interest you, the **Michigan Inland Lake Partnership** has created a continually updated virtual event list that serves to highlight many current inland lake and water resources related on-line events. These organizations welcome participation by lake and water resource professionals, and the general public.

[Check it out today!](#)



Michigan Lakes & Streams Association



63rd Annual Conference

Friday, April 26 &
Saturday, April 27, 2024

VanDyk Mortgage Convention Center
Muskegon, MI

[Click here](#) to learn more about
MLSA's 63rd Annual Conference