



Michigan Chapter North American Lake Management Society

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Spring 2014

Presidential Ponderings....

By: Jennifer L. Jermalowicz-Jones, McNALMS President, 2013

This past year seemed to occur at the speed of light as lake management practitioners travelled to numerous inland lakes to battle invasive aquatic plant species and address other critical water quality issues. We are all fighting the same threats such as hybrid watermilfoil and other invasives such as emergent Phragmites and the submersed Curly-leaf Pondweed. There are also recent reports that other invasives such as Hydrilla, Water Pennywort, and Water Chestnut are in waters of nearby states. The fight against these invasives requires wise management methods knowledge but also the ability to relay to the riparian communities, inherent dangers of these invasives to the aquatic ecosystem. In addition to these urgent threats is the occurrence of toxin-producing blue-green algae in many inland waters. Many blooms are treated with high quantities of copper algacides but the source of the problem needs to be addressed for a sustainable solution.

What is sustainability in relation to lake management? It is the ability of solutions to blend in with the natural system and allow the lake to progress in a manner that favors good water quality. It empowers the aquatic ecosystem to recuperate from disturbances and hopefully rebound to a favorable but often altered state. These problems will be plentiful as long as humans develop along the lakefront. Our presence exudes a strong demand on these systems and thus any sustainable solution will also require our presence...whether as lake managers or as community leaders that educate riparians to preserve inland lake resources. As we prepare for another long lake management year, we should all reflect on each unique lake and question our past methodologies. Successful lake management requires us to be humble, reflective, and observant because each year is different and we must learn to adapt as the lakes have had to for tens of thousands of years and with increased stressors.

Michigan Inland Lakes Convention: Partnering to Protect Michigan's Inland Lakes

May 1-3, 2013. Boyne Mountain

The inaugural Michigan Inland Lakes Convention will take place May 1st through 3rd at Boyne Mountain Resort in Boyne Falls, Michigan. The Convention presents an opportunity for lake enthusiasts, lake professionals, researchers, local government officials and anyone else interested in protecting our water resources to participate in three days of educational presentations and discussion, in-depth workshops, tours, exhibits and much more focused on Michigan's 11,000 inland lakes.

Convention sessions will cover a wide variety of topics, including aquatic invasive species management and control, natural shoreline management, Cooperative Lakes Monitoring Program training, the latest in lake research, riparian rights and water law, and much more!

The 2014 Michigan Inland Lakes Convention is brought to you by the Michigan Inland Lakes Partnership, launched in 2008 to promote collaboration to advance stewardship of Michigan's inland lakes. The Convention is a cooperative effort between many public and private organizations including the Michigan Chapter of the North American Lake Management Society, Michigan Lake and Stream Associations, Inc., Michigan State University Extension, Michigan Natural Shoreline Partnership, Michigan Department of Natural Resources, Michigan Department of Environmental Quality, and the Michigan State University Institute of Water Research.

For detailed information or to register, visit: <http://michiganlakes.msue.msu.edu/convention>

Michigan Chapter North American Lake Management Society – Lake Research Grant Program

The Michigan Chapter of the North American Lake Management Society has implemented an annual Inland Lakes Research Grants Program for University undergraduate and graduate students. The purpose of the program is to promote efforts in enhancing lake management and protection of inland surface water resources. Projects that increase the understanding of lake ecology and watersheds, strengthen collaborative lake management, build lake partnerships, and expand citizen involvement in lakes are eligible for consideration. The inaugural grant has been awarded to Ms. Shikha Singh, PhD candidate in the Department of Fisheries and Wildlife at Michigan State University. Ms. Singh proposes to investigate the differences in policies of local governments to minimize freshwater resource degradation, and to examine the tools and practices local governments are implementing to minimize the threats to and challenges faced by freshwater resources in Michigan. She also seeks to determine if those policies and practices are fragmented within watersheds and if a relationship exists between policy and external influences such as population demographics and location. Through an interview process, Singh hopes to help local government officials identify tools other districts are using to supplement their own planning and zoning efforts. She and her collaborators will also create a policy map using GIS so that decision makers can visually identify areas where collaboration between local governments should be encouraged and where more efforts are needed to address challenges such as impaired water quality or invasive species management. Her team will also determine if there are gaps in conservation policies and strategies within various watersheds, particularly in communities and counties that border sensitive regions. Congratulations to Shikha Singh.



Michigan Chapter of the North American Lake Management Society offers free membership.

Student memberships are a great way for those still earning degrees to gain access to invaluable resources on lake management issues, participate in educational offerings that can build upon their field of study and build their network.

The purpose of the [Michigan Chapter of the North American Lake Management Society](#) (McNALMS) is to promote understanding and comprehensive management of Michigan's inland lake ecosystems. McNALMS includes members from state, federal and local agencies, university researchers, lake board members, lake and homeowner association members, educators, students, interested citizens and professional lake managers and contractors working in limnology, biology, fisheries, recreation and engineering.

To find out more information of membership opportunities, read http://msue.anr.msu.edu/news/lake_communities_organizations_can_partner_to_protect_lakes

Now is the time to learn your plants and explore opportunities for citizen science on your lake!

Resources and volunteer training programs are available to help you identify and manage aquatic plants. You can also learn to monitor lake health for the long-term benefit of your lake.

With another successful summer on Michigan waters in the history books, don't be so quick to take the next few months off while you are waiting for warm weather to arrive. Now is the time to do your homework about the plants in your lake, and figure out whether there is reason to be concerned about them or not.

Invasive species are considered major biological pollutants of a lake ecosystem. The Michigan Boater's Guide, published by [Michigan State University Extension](#), is a great resource to help you learn about 11 of the aquatic invasive plant species that either currently pose a threat to the ecosystem or have the potential to cause significant damage to a lake ecosystem if they become established.

For more information about this guide, be sure to read the article, "[Michigan Boater's Guide provides on-board help with invasive aquatic plant identification.](#)" This resource (E3189) is available from the MSU Extension Bookstore. For additional tips on successfully identifying aquatic plants, read "[Know your lake plants- get out on your lake and sample!](#)"

http://msue.anr.msu.edu/news/now_is_the_time_to_learn_your_plants_and_explore_opportunities_for_citizen

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 _____

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City _____ State _____

Zip _____ County _____

Phone _____

Email _____

Make checks payable to: Michigan Waterfront Alliance

Send dues and contributions to: Michigan Waterfront Alliance
PO Box 369 Fenton, MI 48430

LOOKING FOR NEW BLOOD (A,B,AB,O) !!!!



To all our loyal members! We thank you for your support over the years of making McNALMS a valuable resource to protect our beautiful inland lakes. As your knowledge has grown over the years we are sure you are ready to share with others. Please consider an opportunity to join, learn and share your thoughts with our members. The McNALMS Board of Directors is looking for New Blood and new ideas to help all of us in the long run. Contact any board member at www.mcnalms.org/aboutus/boardcommittees.html

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