



THE NORTHERN LAKES MANAGER

FALL 2018

FROM THE DESK OF THE PRESIDENT: NATHAN LONG

WWW.MAPMS.ORG

Dear MAPMS Membership -

Another year is in the books and we all are a bit older and hopefully a bit wiser. The MAPMS mission is to be a respected and well organized professional society, providing science-based education and networking opportunities in the management and study of aquatic plants and algae. So, in short, we are tasked with helping you become wiser when it comes to aquatic plant and algae management! How do we go about doing this? As most of you know, our primary tool is organizing an annual conference where we bring together the greatest minds in our industry. With the help of your President Elect/Program Chairman, Jake Britton, we will do our best to put together one of the best conferences in the industry.

The 2019 conference will be held in Chicago. Past Chicago conferences were held in the suburbs; however, following these conferences, a large percentage of conference surveys noted a desire to be closer to downtown. With the help of Mr. Bill Torres, we were able to secure the historic downtown Palmer House for our upcoming conference and locked in room rates that are cheaper than many past conferences. A downtown location will be convenient for many reasons, but it will also come with a few challenges. Our Local Arrangements committee is working to help alleviate some of these challenges and this information can be found on page 5 of this newsletter. In addition to the conference, MAPMS helps fund research in areas where knowledge is lacking. This research could not be completed without financial help from our generous membership and sponsors. You will be hearing about some of this exciting research at the upcoming conference.

Unfortunately, with the passage of time, we also experience loss. One of the giants in the world of aquatic plant management left us way too soon this year, Dr. Mike Netherland (see Page 6). Not only was Mike a fantastic researcher, teacher, and mentor to many; but, he was also a great person and friend. Please keep Mike's family in your prayers.

Your President,

Nathan Long

39TH ANNUAL MAPMS CONFERENCE : FEBRUARY 25 – 28, 2019

THE PALMER HOUSE HOTEL: DOWNTOWN CHICAGO, IL

The 39TH Annual Midwest Aquatic Plant Management Conference will be held February 25– 28, 2019 at the Palmer House Hotel in downtown Chicago, IL. The 39TH conference will start on **Monday** and conclude with the banquet **Wednesday** evening. The Board of Directors will conduct the post-conference meeting on Thursday February 28. See Page 4 of the newsletter for venue pictures and a list of Local attractions and announcements from the Local Arrangements Committee.

The 2019 Conference CALL FOR PAPERS IS NOW! Please visit the website for Abstract Submission Forms!

EARN CEU'S FOR MULTIPLE STATES BY ATTENDING THE 2019 CONFERENCE!

NEWS FROM THE MEMBERSHIP & PUBLICITY COMMITTEE CHAIR: AMY KAY

Membership: MAPMS is looking forward to seeing the Membership and guests at the 39th Annual Conference in Chicago! The Membership Committee plans to host a new member mixer in conjunction with the Student Mixer prior to the President's Reception again this year, both of which will be hosted on site at The Palmer House in the beginning of the Conference. This opportunity gives new members and students time to interact with all of the MAPMS membership and provides a more intimate welcome to the Conference. As MAPMS continues to strive in retaining our active membership (228 members as of spring 2018) as well as grow and diversify new membership each year, your feedback is important to us. As a committee we compile and review your feedback we receive through the conference survey and implement what we are able so that you continue to see value in your membership with MAPMS and our annual conference. This year, the survey will go back to a paper format as we historically have had higher participation with this model. Thank you in advance for your participation in the survey and any additional feedback you have for the Board of Directors and Membership Committee throughout the conference and the coming year. Our goal is to provide you with the most value for your membership so as ideas or suggestions arise, please don't hesitate to reach out to Committee Chair, Amy Kay: akay@cleanlakesmidwest.com. (Continued on Page 2).

NEWS FROM THE MEMBERSHIP & PUBLICITY COMMITTEE CHAIR (CONTINUED FROM PAGE 1)

Publicity: MAPMS has enjoyed seeing you at the local, state conferences throughout the Midwest this year as well as at the National APMS conference in Buffalo, New York. The Aquatic Plant Identification Chart that was updated just last year continues to be a valuable takeaway for conference and meeting attendees. We have the chart available at the booth when we exhibit but also by request to support your individual use as well as for any groups you feel would benefit from this resource. The Society has an active Facebook page currently with over 200 followers, if you don't already, please follow us at facebook.com/midwestapms. The Whova app will be used again at the upcoming conference in Chicago; those who have used the app at previous conferences have delivered positive feedback and saw value in using it throughout the conference. Whova provides users with all of the conference details including program and venue information, speakers contact and the ability to share content with one another throughout the conference. We look forward to expanding on its capabilities this year and increasing the value to all of our conference attendees! For copies of the Plant ID Chart, any other publication materials MAPMS has to offer, or suggested exhibiting/publicity opportunities for the Society, please contact Committee Chair, Amy Kay: akay@cleanlakesmidwest.com.

NEWS FROM THE GOVERNMENT AFFAIRS COMMITTEE: MATT JOHNSON

Greetings from the desk of MAPMS Governmental Affairs! Please make sure that you send any and all governmental affairs questions and requests that you or your company encounter to Matthew Johnson (mattj@aquaticcontrol.com) or you can reach him at 800-753-5253 ext. 262. We are interested in hearing about any and all incidents and additional regulations at a local or state level. If we can, we will aid in education efforts and reach out to other partners in the industry to make sure that we do all we can to protect our industry. There has not been much change in the regulatory or governmental affairs scene in the last few months. We still have many of the same topics on the table that we are keeping an eye on with NPDES Pesticide General Permits, Endangered Species consultations between EPA and Fish & Wildlife, the Farm Bill that has been in discussion several times, and finally the Pesticide Review Improvement Act moving forward. Continued updates will be provided as new information comes available on all topics.

As 2018 is coming to a close, the MAPMS board is working hard on the 2019 Annual Conference. If you have attended in the past, or if you are planning to attend for the first time, please let us know if you would like us to consider additional states for continuing education credits for licensing requirements. That process will begin over the next few weeks as the program comes together.

THANK YOU TO THE NORTHERN LAKES MANAGER SPONSORS!

Jeff Suttner, Airmax

Skip Welsh, Alligare

Mathew Johnson, Aquatic Control

Neil Gerber, Aquatic Management, Inc.

Steve Brewer, Brewer International

Joe Bondra, Cygnet Enterprises

Paul Dominick, Lake Pro

Landon Wiet, Naturalake Biosciences

Cary Martin, Nutrien Ag Solutions

Jason Broekstra, PLM

Guy Savin, Savin Lake Services

Eric Schutman, Syngenta

STRATEGIC PLANNING AND INTERNAL AUDIT: ERIC SCHUTMAN

Strategic Planning

Moving into 2019, the MAPMS is continuing to focus on our short- and long-term goals to ensure the longevity of the society. The society will review the strategic plan every five years. The last Strategic planning meeting was held in 2017 and facilitated by Dr. John Rodgers. The next planned meeting will take place in 2022.

Internal Audit

The internal audit committee met before the October, mid-year board meeting in Chicago, Illinois. All financials from April-September 2018 were reviewed and checked out to be correct.

EXHIBITS COMMITTEE REPORT: DAVID NICHOLSON

The Holidays are a great time of the year to be with friends and family. It is also an excellent time to reflect on our successes this past season and prepare for the New Year! Which means the 2019 MAPMS conference will be here before we know it - Our 39th Annual Conference will be hosted in Chicago, Illinois at The Palmer House Hotel on February 25-28, 2019. We would like to once again say thank you to our 2018 Exhibitors and to invite all 27 exhibitors back for the 2019 conference and certainly encourage new exhibitors to join us in Chicago! Please help us extend invitations and information to industry colleagues who may want to participate.

Exhibiting is a great way to network with professionals and peers throughout our aquatics industry. The conference is not complete without the diversity of our exhibitors. Therefore, I encourage all who will be exhibiting to register as early as possible, especially those who will need extra space or electricity. Space is limited! Exhibitor registration will be on a first come first serve basis.

For ease of registering NOW, please click on the link <http://www.mapms.org/wp-content/uploads/2018/12/exhibt-pack.pdf>, which will take you directly to our exhibitor registration form. We will also have the hotel exhibitor order form, electricity form, and shipping information available for your review on the 2019 conference page. Your MAPMS Board of Directors have been working diligently to make this year's location and conference one you do not want to miss!

Anyone interested in being an exhibitor, please feel free to reach out to me and make suggestions for how we can improve your overall conference and experience. We are listening and will continue to work on new ideas to drive exhibitor value and interest. Contact Dave Nicholson to add your suggestions and secure your exhibit spot for the 2019 conference – Register Early – See you in Chicago.

HAPPY HOLIDAYS!

Dave Nicholson

MAPMS Exhibits Committee Chair

david.nicholson@lonza.com

(269) 832-3595

A BIG THANKS AGAIN TO OUR 2018 CONFERENCE SPONSORS!

WE APPRECIATE YOUR CONTINUED SUPPORT

DIAMOND (\$2500 OR MORE)

Applied Biochemists/Lonza
Aquatic Control, Inc.
Cynet Enterprises, Inc.
SePRO Corporation
Sygenta Professional Products
United Phosphorus Inc.

PLATINUM (\$1000-\$2499)

Airmax Ecosystem, Inc.
Alligare, LLC
Easy Pro Pond Products
Brandt
Key Colour
Nufarm Americas

GOLD (\$750-\$999)

Brewer International
Aquatic Biologists
Outdoor Water Solutions

SILVER(\$350-\$749)

Aquamaster Fountains
Savin Lake Services
Keeton Industries
PLM Lake and Land Management
Pond Biologics
Naturalake Biosciences
Crop Production Services

BRONZE (\$100-\$349)

Aquatic Enhancement & Survey
Aquatic Management, Inc.
Aquatic Weed Control
Michigan Lakefront Solutions

THE SILENT AUCTION & RAFFLE COMMITTEE: LANDON WIET

It takes more than the MAPMS Board of Directors and committee members to put together a great conference. On behalf of the Silent Auction and Raffle Committee, I encourage all members to contribute to the Robert L. Johnson Research Memorial Grant (See Student Affairs Committee report for more information) by donating an item to our silent auction and participating in our box raffle. Your support and donations are vital to support students efforts. Please help ensure the future of our Society as well as aquatic plant and algae management research by contributing....every little bit helps. If you have any questions or would like to know where to send your donated item(s) for the silent auction please contact Committee Chair Landon Wiet at 888.757.9575 or email at landon.w@naturalake.com. Thank you again for your support and I am looking forward to seeing everyone in Chicago.

FROM THE EDITOR: LEIF WILLEY

It is hard for me to believe that I have completed the first year of my term as Editor for our Society. In the past year I have learned a lot about the Society as a member of the board and picked up a few new skills along the way. One of my goals for the Society for the past year was to improve informational content for our membership. This has been accomplished through posting relevant news and announcements to the website, our Facebook page, and through email announcements to the membership when new information or events were available.

At the mid-year board meeting it was suggested to have a major update performed on the website. We obtained quotes for 3 different upgrade options from 2 companies (including our current content manager service provider). The updates that will be performed include a facelift to the website to give it the look and feel of the “Water Creates Memories” document that is available for download in the publications section of the website, and an upgrade to the most recent WordPress software. After reviewing the proposals, the editorial committee decided to remain with our current provider and have them perform the requested upgrades. This work will begin after the 2019 conference.

I would also like to remind our membership of the jobs board on the website. If you are hiring please let me know so I can post the listing on our website. If you are a member seeking employment, or know someone that is, check back often as I do occasionally list industry relevant jobs from the Texas A&M and Purdue Forestry and Natural Resources Department jobs boards.

I am looking forward to seeing everyone in Chicago in a couple short months! Please send all website and industry news related information and inquiries to admin@mapms.org

MAPMS Editor—Leif Willey



Ice skating at Maggie Daley Park (Photo courtesy of www.enoyillinois.com)

STUDENT AFFAIRS COMMITTEE REPORT: RYAN THUM

Greetings from the Student Affairs Committee,

Student involvement and support is critical to fulfilling the mission and vision of MAPMS.

The major mechanism to support student research through MAPMS is the Robert L. Johnson Memorial Research Grant. Please encourage students and professors that you cross paths with to submit an application. The application can be found on the MAPMS website under “Students”. We will accept applications until early February, and announce the winner at the annual meeting.

Similarly, we will hold a student oral presentation and poster competition at the annual conference. In this year’s competition, we will also hold a competition for the best practitioner poster(s). These do not need to be submitted by students, and can focus on any aspect of Aquatic Plant Management (research, technical aspects, or practices). Furthermore, posters do not need to be submitted by attendees; a poster is eligible as long as it is present at the conference. Please consider submitting a poster to share your aquatic plant management experiences and facilitate dialog during and after the poster session.

At the annual meeting, we will also nominate a new student representative to the Board of Directors.

Submitted on behalf of the Student Affairs Committee – Ryan Thum

BY-LAWS COMMITTEE REPORT: STEVE ZULINSKI

The By-laws committee presented a proposal to the BOD that would allow MAPMS to become a 501(c)3 non-profit organization. This is an important step forward for the society. With a change in status we can take advantage of certain tax breaks not currently afforded to us. Also, we would be able to apply for grant funding for future educational and research projects. Finally, it would allow for tax deductibility of certain donations to the society as allowed by law. A mailing will be going out soon that details the proposed by-laws changes that will come for a vote at the annual board meeting.

**WE WOULD LIKE TO WISH ALL OF OUR MEMBERS AND THEIR FAMILIES A
MERRY CHRISTMAS AND HAPPY NEW YEAR! WE WILL SEE ALL OF YOU
IN CHICAGO IN 2019!**

LOCAL ARRANGEMENTS: AMY KAY

MAPMS is excited to welcome everyone to the 39th Annual MAPMS Conference in Chicago! The Conference will be held at the Palmer House Hotel (<http://www.palmerhousehiltonhotel.com>) Monday, February 25th thru Thursday, February 28th, 2019. The Palmer House is the nation's longest continually operating hotel rich with history and unmatched charm in the heart of downtown Chicago. In recent years it's gone through a \$170 million renovation to ensure it includes all of the conveniences and comforts for today's guests while preserving its history. Just steps away from countless attractions, restaurants, State Street Shopping, the Theater District, Millennium Park and much more, this location provides an opportunity to enjoy a world class city with not only your colleagues but family too as we would encourage you to take advantage of the group rate (just \$119.00/night!), secured 2 days prior to and following the conference (based on availability), and enjoy a long weekend. When it comes to traveling to Chicago, researching the transportation opportunities is highly encouraged! Amtrak (Amtrak.com) is an excellent option for those traveling in the Midwest. Chicago is at the center of Amtrak's national system and provides many routes for Midwest travel through key cities in the five state area. For example, at approximately \$60.00 round trip, those commuting from Michigan can experience hassle free travel from Flint or Grand Rapids to Union Station in Chicago for about the same time you would spend driving to the Conference destination. Union Station is about a 15 minute walk to the Palmer House, or a quick cab/Uber ride with the bonus of avoiding parking fees! This is a simple, cost effective way to travel to the conference and enjoy Chicago without needing to plan for driving, parking large vehicles and additional parking costs. For those planning to drive or carpool, the hotel offers valet service for \$82/day(24 hours) or self-parking in the garage for \$46/day (24 hours) with a height maximum of 6 feet 7 inches. A secondary self-park lot is also nearby at 55 East Jackson St. with a vehicle clearance of 7 feet and will cost approximately \$42/day (24 hours). Lower parking rates may be secured in advance by reserving and pre-paying for your parking spot at the following link <https://spothero.com/chicago/palmer-house-hilton-parking>. Other nearby parking options will also be listed when using Spot Hero.

If you have any questions or comments regarding the 2019 local arrangements in Chicago, please contact Committee Chair, Amy Kay: akay@cleanlakesmidwest.com.

IN PASSING

DR. MICHAEL DYER NETHERLAND

NOVEMBER 16, 1963- OCTOBER 16, 2018

Earlier this fall, the aquatic plant management industry received the devastating news of Dr. Mike Netherland's passing. Mike was a long time supporter of MAPMS and dear friend to its membership. MAPMS sent an email to our membership informing them of the news and as a tribute to his impact on our Society and members. That tribute and personal experiences of the Editor are republished below. As we enter the Holiday season and plan to spend time with our families, we ask that our members continue to keep the Netherland family in their thoughts and prayers.

In Remembrance

Dr. Michael Netherland (November 16, 1963- October 16, 2018)



Remembering Mike Netherland

It is with heavy hearts that we announce the passing of Dr. Michael "Mike" Netherland. Mike passed away on October 16th after a long battle with brain cancer. Mike was a large supporter of our Society, a colleague and friend to all of us. Mike first came to our society as a graduate student of Dr. Carole Lembi at Purdue University and leaves us a wealth of members whom his life and dedication to this industry have influenced greatly.

Mike was a positive influence on many of us, myself (Leif Willey) included. Mike was my graduate adviser at the University of Florida Center for Aquatic and Invasive Plants when I graduated Purdue and decided to further my education in aquatics. Mike opened his life to me. As a mentor he taught me a better understanding of science and why it is important for our industry to continue to pursue scientific advancements and increase our understanding of technologies available, although we are often stubborn and resistant to change and new ideas. As a friend, he invited me to spend holidays with his family, talked about Purdue sports (No one else in Gainesville would!), went on fishing trips and took time for me to give him instruction in wing shooting. I know he gave of himself in this same manner to many others, some of which are also in our Society.

Some of Mike's most memorable attributes were his sense of humor and ability to always find some (or a lot) of good in every day. Even in the end of his battle, he always found the good in every day, and was not deterred by the prognosis. While he is gone from our lives, his legacy and memory will be richly celebrated by all who knew him and I am sure there will be many stories to share, remember and laugh about among members at the upcoming conference.

Mike requested memorial contributions may be made to the Aquatic Plant Management Society Graduate Student Research Grant (APMS GSRG) or the Florida Aquatic Plant Management Society Scholarship & Research Foundation (FAPMS SRF). Mike's full obituary can be read here: <http://www.crevassesimplecremation.com/obituary/michael-netherland>

STUDENT AMBASSADOR: TYLER GEER

Since the conclusion of the 38th MAPMS meeting in Cleveland, I have had the privilege of serving as the student ambassador and representative to the MAPMS board of directors, and I wanted to take a moment to share my experience so far. My position on the board is non-voting, but I am a contributing member of the student affairs committee and can offer comment on any topic brought forth at a board meeting. My primary task is to facilitate communication between students and the board, so that the society can continue to meet the academic and professional needs of its ever-changing student membership. The mid-year meeting in October was a valuable experience for me. There aren't many societies where students receive the type of financial support and mentorship that we receive from MAPMS, and I was grateful to be able to continue to strengthen that relationship through my interactions with the other board members. Having attended MAPMS for the past 3 years, one of the most impactful take-aways was that I was able to see first-hand and participate in the day-to-day operation of the society. It's relatively easy as a student to fall into the trap of taking for granted the free room, free meals, and countless academic and professional opportunities offered by the society at the annual meetings. I would encourage all of my fellow students to send a brief thank you note to a board member(s), or tell them in person when you see them in Chicago. Every board member *volunteers* a considerable amount of their time and energy, not just to maintain the status quo, but to continually drive the society forward. I would also encourage all students who have attended an MAPMS conference in the past to share your comments, positive or negative, with myself or another board member about how the society has aided your development, and what the society can do moving forward to help you get where you want to go in your career. I look forward to seeing all of you soon!

Best Regards,

Tyler Geer



2018– 19 MAPMS BOARD OF DIRECTORS

Left to right: Matt Johnson, Eric Schutman, Nathan Long, David Nicholson, Paul Hausler, John Goidosik, Amy Kay, Ryan Thum, Landon Wiet, Jake Britton, Garrett McClain, Steve Zulinski

WOULD YOU LIKE TO SERVE THE SOCIETY?

Joining the Board is a fantastic way to support the society we all enjoy and benefit from as members. Additionally, becoming a Board Member enhances your reputation among peers and customers, plus highlights your involvement in a professional society as a true professional in the field of aquatic plant management.

We are seeking Board of Director candidates for 3 open positions following the conference in Chicago. Director terms are a 3 year commitment.

If you are interested in being involved with our Society, contact nominating committee chair Paul Hausler.

hauslerp@progressiveae.com

LOCAL ATTRACTIONS

Grant Park

Lake Michigan

Museum Campus

Art Institute of Chicago

Millennium Park-Lurie Garden

The Loop business district

State Street shopping District

Soldier Field

Chicago Theatre

Shedd Aquarium

Adler Planetarium

Magnificent Mile

Navy Pier

Wrigley Field

Skydeck Chicago

Goose Island brewing

Ballast Point Brewing

Revolution Brewing

Forbidden Root Restaurant and Brewery

Drawl Southern Cookhouse

Ditka's restaurant

Wildberry Pancakes

And Many More Attractions, Restaurants, Breweries, Than We Can Hope To Mention Here!



Left: The Palmer House Hotel Lobby . Photo courtesy (www.palmerhousehiltonhotel.com). **Right:** Cloud Gate at Millennium Park. Photo courtesy (www.historichotelsworldwide.com).