



THE NORTHERN LAKES MANAGER

SPRING 2017

WWW.MAPMS.ORG

FROM THE DESK OF THE PRESIDENT: PAUL HAUSLER

Dear MAPMS Membership -

A big thank you to all who contributed to another highly successful MAPMS Conference (37th Annual) held this year at the Hyatt Regency in Downtown Milwaukee. Suffice it to say, they know how to make and serve their beer, cheese, and sausage in Milwaukee! Attendance was again over 220 for the conference representing 20 states from Florida to California (and all points in between). Our membership grew slightly and sponsorship was up by five percent. A HUGE thank you to all of our sponsors and silent auction and raffle contributors! We literally could not hold a First Class conference without you.

For those of you who missed the conference, highlights included a well-attended off-site President's Reception, a series of engaging and informative general sessions and a very diverse starry stonewort session. The banquet was memorable as we had three Honorary Members in attendance (Dick Hinterman, Everett Lienhart, and Jim Schmidt). The President's Distinguished Service Award was presented by President Pinagel to Leah Essex and several other prizes and awards were presented (I won't steal Ryan Thum's thunder – so please see the Student Affairs update for award winners including the R.L. Johnson Research Grant Award).

The program featured 32 total presentations with an evenly distributed mix of presenters from industry, governmental, and academia/research. A special thank you goes out to the Wisconsin DNR who contributed greatly to the presentations. The Whova app (an interactive tool for conference attendees) was introduced on a trial basis at the conference and it was overwhelmingly deemed a success (see Rich DeJonghe's article for more information on the influence of the Whova app).

On a final note, five years ago, the MAPMS Board of Directors participated in an engaging strategic planning session facilitated by Dr. John Rodgers. Since that time, MAPMS has actively followed our strategic plan in achieving most (if not all) of the goals set forth during that session. In recognition of our strategic achievements, the Strategic Planning Committee has recommended that the board engage in a new strategic planning session this Fall. We are excited to announce that the board is making plans for a new session (to be again facilitated by Dr. Rodgers) this Fall. Please feel free to contribute any comments/suggestions that you may have to the Strategic Planning Committee (Eric Schutman, Matt Johnson, and John Goidosik). In closing, the primary goal of our Board of Directors is to better the Society and enhance our members experience to the greatest extent possible through our combined and strategically orchestrated efforts. We look forward to our member's honest and constructive input into this process.

Here's to a successful 2017 season,

Cheers!

MAPMS President, Paul Hausler

LOCAL ARRANGEMENTS COMMITTEE: MATT JOHNSON

The local arrangements committee is happy to announce that we will be comfortable at our 2018 Annual Conference at The Westin Cleveland Downtown Cleveland, OH. Our dates for 2018 will remain in the same Monday – Thursday format. The President's Reception will take place on February 26 at the world famous House of Blues! This is a short walk from the hotel or a quick ride if weather doesn't cooperate or a brisk walk in downtown Cleveland in February isn't your thing. We will arrange for a shuttle to help get our members/guests back and forth. For those of you that were at the 2013 Annual Conference, the House of Blues will be a familiar place, but the Westin Hotel will be new accommodations for our society.

We will have our General Sessions on Tuesday and Wednesday with the Annual Banquet closing the conference on Wednesday evening. As time gets closer, you will see more information posted on the website. Cleveland is one of those cities that always has plenty to do. With our event being hosted downtown, you will have many options for dining and night-life. We look forward to seeing you all at the next annual meeting and appreciate all of you who attended the 2017 annual conference.

38TH Annual MAPMS February 26-March 1, 2018 The Westin Downtown, Cleveland Ohio

STUDENT AFFAIRS COMMITTEE CHAIR: DR. RYAN THUM

The main responsibilities of the Student Affairs Committee are to: 1) judge and award the Robert L. Johnson Memorial Research Grant, 2) judge and award the student competitions at the annual conference (oral and poster), and 3) find new ways to recruit and engage students in the Society.

As always, we had excellent student submissions for the annual contests. The winners of the Robert L. Johnson Memorial Research Grant and the student presentations were announced during the banquet at the annual conference. On behalf of the Student Affairs Committee, I would like to thank the students for their energetic participation in the Society. I would also like to express a sincere thanks to the members of the Student Affairs Committee for their hard work over the course of this year.

In terms of student engagement in the Society, we had the annual student-government affairs luncheon during the annual conference. On behalf of the Student Affairs Committee, I would like to sincerely thank the Aquatic Ecosystem Restoration Foundation for sponsoring the lunch, and specifically to Carlton Layne for attending and sharing during the luncheon. I would also like to thank Nate Long and Bill Torres for their assistance with planning and organizing the event.

In addition, we are considering the possibility of having a student representative to the Board of Directors. I highlighted this issue at the annual business meeting during the conference. While there are no current details of how this position would operate, this is something that the committee and several Directors feel would facilitate fulfilling the student engagement portion of the Student Affairs Committee's responsibility to engage and increase student participation. Stay tuned for more details, and I look forward to hearing thoughts on Student Affairs from the general membership.

Respectfully submitted on behalf of the Student Affairs Committee,

Ryan Thum

2017 MAPMS CONFERENCE STUDENT AWARDS

Robert L. Johnson Memorial Research Grant

2017- Ryan Van Goethem, MS Student at Michigan Technological University, Department of Biological Sciences. *"Seasonal Dynamics of Littoral Primary Production and Effects of Invasive Macrophytes in North-Temperate Lakes"*

Oral presentations:

1st place (\$300) – Ciera M. Kinley, Ph.D. Student, Clemson University. *"Distinguishing copper exposure vs. dose to Microcystis aeruginosa and relationships with microcystin-LR release"*

2nd place (Tied; \$150) – Mirella Ortiz, Ph.D. Student, Colorado State University. *"Translocation of Endothall in Eurasian Watermilfoil and Two Hydrilla Biotypes"*

2nd place (Tied; \$150) – Tyler Geer, Ph.D. Student, Clemson University. *"Predicting In Situ Responses of Taste and Odor Producing Algae in a Southeastern U.S. Reservoir to a Sodium Carbonate Peroxyhydrate Algaecide Using a Laboratory Exposure-Response Model"*

Awards for Posters Presented 2017

Poster presentation winner (\$200):

Carli Wagner, undergraduate student, University of Minnesota. *"Starry stonewort (Nitellopsis obtusa) remains viable following herbicide treatments in a Minnesota lake"*

CONGRATULATIONS TO OUR 2017 MAPMS CONFERENCE WINNERS!

EDITORIAL UPDATE: RICH DEJONGHE

The 2017 MAPMS conference was a huge success with all of the great presentations and interaction amongst the speakers, students and conference attendees. For the first time in conference history we employed a mobile app to be used by all. The purpose for this was to encourage interaction between all attendees, sponsors, exhibitors and speakers. The WHOVA App allowed us to provide conference schedules, hotel maps and speaker information in a compact a mobile device format. Messaging was also a nice feature included that allowed communication between users without having to exchange phone numbers. This was an easy way to privately reach out to another person and make contact.

In the app, all sponsors had their information prominently displayed which we feel provided extra value for their monetary commitment to support of MAPMS. Exhibitors also had their own section which allowed them to promote their booth and products.

We will evaluate if we use this in the future but for this year we feel it was a great success!

Here a few statistics of how the app was used:

⇒ **55% of attendees downloaded the app**

⇒ **1815 Profile views**

⇒ **1310 Visits to Sponsor pages**

⇒ **1536 Session Views**

⇒ **60 Business card exchanges**

⇒ **298 Message exchanged**



NEWS FROM THE GOVERNMENT AFFAIRS COMMITTEE: MATT JOHNSON

From a National Level:

On February 28, 2017, President Trump issued an executive order ordering the Administrator of the EPA and the Chief of Engineers of the U.S. Army Corps of Engineers to review and rescind the Final Rule defining the Waters of the United States (WOTUS). They are to consider reissuing the rule with the definition of WOTUS included as outlined by Justice Scalia in his opinion in **Rapanos v. United States, 547 U.S. 715 (2006)**.

Justice Scalia's opinion was as follows:

“...relatively permanent, standing or continuously flowing bodies of water” traditionally recognized as “streams, oceans, rivers and lakes” that are connected to traditional navigable waters. In addition he would also authorize federal regulation of wetlands abutting these water bodies if they contain a continuous surface water connection such that the wetland and water body are “indistinguishable.”

On March 6th Administrator Pruitt and the Acting Secretary of the Army issued in the Federal Register a Notice of Intent to Rescind the WOTUS Rule.

Attorney General is to notify the 6th Circuit Court of Appeals that the case before them will be mooted by the rescission order and action. The jurisdictional case before the Supreme Court may proceed or not, it all depends on the court.

At a State Level:

In Indiana it seems that there are an increasing number of city ordinances increasing regulations that affect our access to the lakes and ponds that we manage. Several cities in the Indianapolis area have imposed a permit system requirement to park by or cross curbs, sidewalks, bike paths, or walking paths. These permits can cost up to \$100 per week. It is pretty easy to see how this could add to the cost of doing business in these areas. The expenses will no doubt need to be passed on to the customer which could easily double or triple the cost of a management contract. We have had past issues of city regulations going beyond their scope in putting additional regulations or requirements on the use of some of the products in lake management. Thanks to the Office of Indiana State Chemists, most of these requirements have been worked through.

Please keep in touch on governmental affairs in your local area. Please submit information that you hear on a national, state, or local government scale to the Governmental Affairs committee so that we can keep all members updated on what is going on around the Midwest that is already or could soon be affecting our businesses.

A BIG THANKS TO OUR 2017 CONFERENCE SPONSORS!

DIAMOND (\$2500 OR MORE)

AQUATIC CONTROL, INC.
CYGNET ENTERPRISES, INC.
LONZA WATER TREATMENT
SEPRO CORPORATION
SYGENTA PROFESSIONAL PRODUCTS
UNITED PHOSPHORUS INC.

SILVER(\$350-\$749)

AQUATIC BIOLOGISTS
AQUAMASTER FOUNTAINS
BRANDT
KEETON INDUSTRIES
KEYCOLOUR, INC.
OUTDOOR WATER SOLUTIONS
PLM LAKE & LAND MANAGEMENT

PLATINUM (\$1000-\$2499)

AIRMAX ECOSYSTEM, INC.
EASYPRO POND PRODUCTS
GROWMARK
NUFARM
VERTEX WATER FEATURES

BRONZE (\$100-\$349)

AQUATIC MANAGEMENT, INC.
AQUATIC WEED CONTROL
HELENA CHEMICAL
MICHIGAN LAKEFRONT SOLUTIONS
NORTHERN ILLINOIS LAKE &
POND MANAGEMENT
OTTERBINE BAREBOO, INC.
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GOLD (\$750-\$999)

BREWER INTERNATIONAL
CROP PRODUCTION SERVICES

THE NORTHERN LAKES MANAGER SPONSORS:

Jeff Suttner, Airmax Ecosystems

Eric Barkemeyer, Alligare

Bob Langjahr, Aquatic Biologists

David Issacs, Aquatic Control

Neil Gerber, Aquatic Management, Inc.

Charlie Bareboo, Bareboo Otterbine

Steve Brewer, Brewer International

T.J. Griffith, Cravens Warren & Company

Paul Mason, Crop Production Services

Joe Bondra, Cygnet Enterprises

Bob Robinson, Kasco Marine

Rick Purcell, Key Colour

John Redd, Outdoor Water Solutions

Jason Broekstra, PLM Lake & Land Management

Eric Schutman, Syngenta

THE SILENT AUCTION & RAFFLE COMMITTEE: JAKE BRITTON

The 2017 Silent Auction and Raffle at this year's MAPMS conference was a success. We raised over \$9000 to support the Robert L. Johnson Memorial Research Grant. We would not be able to sustain this scholarship without the generous donation of silent auction items by many and the sale of raffle tickets. THANK YOU to everyone that donated or purchased a silent auction item and purchased tickets for the box raffle! Your support is greatly appreciated.

This year's scholarship was awarded to Ryan Van Goethem of Michigan Tech University. Ryan's research titled "Seasonal Dynamics of littoral primary production and effects of invasive macrophytes in north-temperate lakes" will be continued in the summer of 2017. Look for Ryan at the 2018 MAPMS conference in Cleveland as he will be updating us on his research project.

We are always looking for volunteers to help organize the silent auction and raffle, solicit item donations, sell raffle tickets, etc. If you are interested in serving on the Silent auction & Raffle committee for 2017-2018, please contact me at jakeb@sepro.com. Again, thank you for your support of the Robert L. Johnson Memorial Research Grant. See you in Cleveland in 2018.

EXHIBITS COMMITTEE: ERIC SCHUTMAN

We would like to thank all 28 exhibitors for your support and participation in the 2017 MAPMS Conference. Not only does your support help the success and longevity of the society, but it's also a great chance to network with folks around the industry. This year's best exhibit award went to Airmax. I look forward to seeing everyone in Cleveland next year!

Contact Eric to get your exhibit spot for the 2018 conference: eric.schutman@syngenta.com

PUBLICITY COMMITTEE: AMY KAY

MAPMS looks forward to seeing you at the local state conferences throughout the Midwest this year as well as at the National APMS conference in Daytona Beach, Florida (July 16-19, 2017). Be on the lookout for a newly revised Aquatic Plant Identification Chart this Spring with input and updates from some of the most respected field and research scientists in the Midwest!

STRATEGIC PLANNING COMMITTEE: ERIC SCHUTMAN

The strategic planning committee had a conference call to discuss the society moving forward. We feel it's in the best interest of MAPMS to take a day and review the strategic plan from 2012 and make any necessary updates. This will ensure that we are on track with the long term goals of the society. We recommend this session take place during the 2017 fall board meeting and also request Dr. John Rogers to facilitate.

MEMBERSHIP COMMITTEE: AMY KAY

As MAPMS strives to maintain and grow our Membership each year, your feedback is important to us. As a committee we compile and read 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. Thank you for continuing to complete the surveys at the conference, but also, please share your feedback throughout the year, to myself or any of your Board of Directors, that you think would be beneficial to increasing value in your membership, encourage your continued participation, and/or invite others to join. We look forward to hearing from you: akay@cleanlakesmidwest.com.



Not Present: Landon Wiet

2017-18 MIDWEST AQUATIC PLANT MANAGEMENT SOCIETY BOARD OF DIRECTORS

WOULD YOU LIKE TO SERVE YOUR SOCIETY?

The Nominations Committee is now accepting nominations for positions on the 2018-2019 Board of Directors!

If you would like to be a part of leading this great organization please contact the committee chair:

Dick Pinagel: dick@aquaweed.com



Facebook Search: mapms