

MidSouth Aquatic Plant Management Society

Newsletter

Volume 28 Number 3

September 2010

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29th Annual MidSouth Aquatic Plant Management Meeting Lake Guntersville State Park Guntersville, AL October 12-14, 2010



The meeting program will offer exceptional presentations covering a range of water resource management topics that will be very informative. The program will begin Tuesday afternoon with the Aquatic Plant Management Workshop for those who registered for this event. The workshop will offer additional CEUs for interested participants. The meeting will get underway Wednesday morning and end Thursday at noon. In addition, industry exhibits will provide useful information on aquatic plant management products and services. Make plans today to attend the meeting.

Our special guest room rate is \$90.00 per night plus applicable tax (12%) and \$1.00 county surcharge for “Bluffside” Rooms and \$80.10 per night plus tax and surcharge for “Parking Lot” rooms. A few King and Queen suites are also available at the rate of \$112.50 and \$157.50, plus taxes and surcharge, respectively. “Bluffside” rooms are limited so register early to secure a view of beautiful Lake Guntersville. Cabins and chalets are located within the Park as well. To make reservations call Lake Guntersville State Park Reservations at 800-548-4553 or 256-571-5440 and be sure to mention group code “1838”. All reservations must be guaranteed with a major credit card or accompanied by a first night room deposit.

To Ensure We Make Our Room Block, Please Make Room Reservations Today

Register Today! Visit www.msapms.org for more details.

"A Message From the President"

I hope everyone has already made plans to attend the 29th Annual Meeting of MSAPMS. Harry Knight is busy putting the finishing touches on what is sure to be an interesting program. Those of you that attended last year's meeting at Lake Guntersville State Park can appreciate what a great venue the newly renovated facilities provide. The fact that this year's meeting will once again be held in October means the bulk of the busy season is over and we get to relax while enjoying the Fall weather.

As I'm sure you are all now aware, the US EPA is fulfilling its mandate to require an NPDES permit for aquatic herbicide applications by April 2011. Thanks to the efforts of the MidSouth APMS board and membership, the Society submitted a "white paper" to Responsible Industry for a Sound Environment (RISE) last September detailing the anticipated cost increases that aquatic applicators could face to maintain compliance with the new permit. The cost estimates were submitted to the Small Business Administration for inclusion in the permit development process. The Society also partnered with the National APMS in submitting comments on the proposed permit directly to EPA.

While it appears that EPA will still require an NPDES permit for aquatic applications effective April 2011, the MidSouth Aquatic Plant Management Society has tried to provide as much input as possible on behalf of the scientists, educators, students, resource managers, administrators, and concerned individuals that make up its membership. At this point, we can only hope that the EPA's final permit is one that is based on sound science and structured so that the industry can feasibly continue to manage aquatic resources.

The MidSouth Chapter of APMS was well represented at the 50th Annual meeting of the Aquatic Plant Management Society in Bonita Springs, Florida this past July. I provided an update on MSAPMS at the meeting and decided against naming all the current and past board members and presidents in attendance after counting over twenty. The meeting was an excellent opportunity to meet with applicators and researchers from around the country. I encourage anyone who has never attended a national meeting to try to make plans to do so.

I have enjoyed serving as president of MSAPMS and hope to stay involved for years to come. I encourage all members to serve in some capacity. It truly has been rewarding. I look forward to seeing you all at Lake Guntersville in October."

Jason Carlee



29th Annual Meeting of the MidSouth APMS



Registration Form

Delegate/Student Information

Name: _____
Affiliation: _____
Address: _____
City: _____ State: _____ Zip Code: _____
E-mail Address: _____
Phone: _____ Fax: _____

Registration (Includes Reception, Lunch, Banquet, and Refreshment Breaks)

	Early (by September 10, 2010)	At the Door	
<input type="checkbox"/> Delegate Registration (Includes 2010-2011 Regular Membership Dues)	\$ 75.00	\$ 100.00	\$ _____
<input type="checkbox"/> Student Registration (Presenting Paper)	\$ 0.00	\$ 0.00	\$ 0.00
<input type="checkbox"/> Student Registration (Not Presenting Paper) (Includes 2010-2011 Student Membership Dues)	\$ 35.00	\$ 35.00	\$ _____
<input type="checkbox"/> Guest Registration Name: _____ (Spouse, partner, child over 12 years-of-age)	\$ 50.00	\$ 75.00	\$ _____
<input type="checkbox"/> Aquatic Plant Management Workshop	\$ 50.00	\$ 50.00	\$ _____

2010-2011 Membership Dues

<input type="checkbox"/> Student	\$ 5.00	\$ _____
<input type="checkbox"/> Sustaining	\$ 50.00	\$ _____

2010 Meeting Sponsorship

<input type="checkbox"/> Platinum	\$ 1500.00	\$ _____
<input type="checkbox"/> Gold	\$ 1000.00	\$ _____
<input type="checkbox"/> Silver	\$ 750.00	\$ _____
<input type="checkbox"/> Bronze	\$ 500.00	\$ _____
<input type="checkbox"/> Contributing	\$ 250.00	\$ _____

2011 Newsletter Advertisements (Includes 1 Advertisement in Each Newsletter)

<input type="checkbox"/> Full Page	\$ 400.00	\$ _____
<input type="checkbox"/> Half Page	\$ 200.00	\$ _____
<input type="checkbox"/> Quarter Page	\$ 100.00	\$ _____
<input type="checkbox"/> Business Card	\$ 50.00	\$ _____

Donation to the Scholarship Fund

\$ _____

Total Amount

\$ _____

Early registration accepted if form and payment received by September 10, 2010.

Please Mail Completed Form and Payment to:

Judy Shearer
MidSouth Aquatic Plant Management Society
PO Box 822792
Vicksburg, MS 39182
Ph: 601-634-2516

Cancellation/Refund Policy

Registration fees are fully refundable prior to September 30, 2010. No refund of any fees will be issued if cancellation of participation is received after September 30, 2010. Notice of cancellation must be received by MSAPMS via mail, fax, or e-mail. **Phone cancellations will not be accepted.**

Too Many Weeds Spoil the Fishing



Exotic invasive aquatic plants such as Hydrilla, Eurasian Water Milfoil, Curlyleaf Pondweed, Water Chestnut and Water Hyacinth can be detrimental to a healthy fishery in lakes across the country.

These invasive plants when left unmanaged can alter the ecosystem of lakes and reservoirs, causing a decline in the fishery, as well as interfering with other valued uses of waterbodies.

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Tentative Agenda

Tuesday, October 12th

Tuesday's Agenda-at-a-Glance

9:00 am - 12:00 pm	Board of Directors Meeting (<i>Boardroom</i>)
1:00 pm - 6:00 pm	Aquatic Plant Management Workshop (<i>Goldenrod</i>)
3:00 pm - 6:00 pm	Meeting Registration (<i>Upper foyer</i>)
3:00 pm - 6:00 pm	Exhibits Setup (<i>Grandview</i>)
7:00 pm - 9:00 pm	Welcoming Social (<i>Grandview</i>)

Wednesday, October 13th

Wednesday's Agenda-at-a-Glance

7:30 am - 8:30 am	Breakfast (?)
7:30 am - 5:00 pm	Meeting Registration (<i>Upper Foyer</i>)
7:30 am - 5:00 pm	Exhibits Open (<i>Grandview Ballroom</i>)
8:30 am - 12:00 pm	Session One (<i>Camellia</i>)
10:00 am - 10:30 am	Refreshment Break (<i>Grandview Ballroom</i>)
12:00 pm - 1:30 pm	Lunch (<i>Camellia?</i>)
1:30 pm - 5:15 pm	Session Two (<i>Camellia</i>)
3:00 pm - 3:30 pm	Refreshment Break (<i>Grandview</i>)
4:30 pm - 5:00 pm	Business Meeting (<i>Camellia</i>)
6:00 pm - 10:00 pm	Banquet (<i>Grandview Ballroom</i>)

Session One (*Camellia*)

Moderator: Harry Knight, *Applied Biochemists, Cullman, AL*

8:30 am	Opening Remarks and Announcements
8:40 am	Presidential Address Jason Carlee, <i>Alabama Power Company, Birmingham, AL</i>
9:00 am	Keynote Address Jim Skillen, <i>Responsible Industry for a Sound Environment (RISE), Washington, DC</i>
9:30 am	Aquatic Plant Management Society Update Linda Nelson, <i>President, Aquatic Plant Management Society, Vicksburg, MS</i>
9:45 am	Aquatic Ecosystem Restoration Foundation Update Carlton Layne, <i>Executive Director, Aquatic Ecosystem Restoration Foundation, Marietta, GA</i>
10:00 am	Refreshment Break (<i>Grandview Ballroom</i>)
10:30 am	NPDES Permitting Status James Skillen, <i>Responsible Industry for a Sound Environment (RISE), Washington, DC</i>

- 10:50 am **Evaluation of the Permitting System**
Dr. John Rodgers, *Department of Forestry and Natural Resources, Clemson University, Clemson, SC*
- 11:10 am **Aquatic Ecosystem Restoration Foundation Reaction to NPDES Permitting**
Carlton Layne, *Executive Director, Aquatic Ecosystem Restoration Foundation, Marietta, GA*
- 11:30 am **Panel Discussion with Previous Speakers**
- 12:00 pm **Lunch**

Session Two (*Camellia*)

Moderator: **Ryan Wersal**, *Geosystems Research Institute, Mississippi State University, Starkville, MS*

- 1:30 pm **Effects of Aquatic Plant Removal on Fish Assemblages in Mississippi Delta Oxbow Lakes**
(Student Presentation)
Matthew Spickard, *Mississippi State University, Starkville, MS*
- 1:45 pm **Evaluation of Six Herbicides for the Control of Water Primrose** *(Student Presentation)*
Joshua C. Cheshier, *Mississippi State University, Starkville, MS*
- 2:00 pm **Using Deductive GIS Modeling Tools to Locate Suitable Macrophyte Habitat for Re-Establishment Projects** *(Student Presentation)*
Jonathan Fleming, *Mississippi State University, Starkville, MS*
- 2:15 pm **Evaluation of Alligator Weed with Nine Different Herbicides** *(Student Presentation)*
Michael Cox, *Mississippi State University, Starkville, MS*
- 2:30 pm **Hydrilla and Giant Salvinia Survey in Mississippi for 2009** *(Student Presentation)*
Michael Cox, *Mississippi State University, Starkville, MS*
- 2:45 pm **Responses of *Lyngbya wollei* to Copper-Based Algaecides: The Critical Burden Concept**
(Student Presentation)
West Bishop, *Clemson University, Clemson, SC*
- 3:00 pm **Refreshment Break** (*Grandview Ballroom*)
- 3:30 pm **Invasive Apple Snails in the Southeast: Potential Impacts and Future Research** *(Student Presentation)*
Shelley Robertson, *University of Georgia, Athens, GA*
- 3:45 pm **Investigations of the Seasonality of Avian Vacuolar Myelinopathy on J. Strom Thurmond Lake, a Monomictic Reservoir** *(Student Presentation)*
James Herrin, *University of Georgia, Athens, GA*
- 4:00 pm **Q/A with Student Presenters**

- 4:15 pm **Review and Training of Information Websites Created by University Extensions (Mississippi State, Clemson, Texas A&M University, North Carolina State University, and University of Florida) and the U.S. Army Corps of Engineers**
TBD
- 4:30 pm **Business Meeting**
- 5:00 pm **Adjourn**

Thursday, October 14th

Thursday's Agenda-at-a-Glance

- 7:30 am - 8:30 am Continental Breakfast (*Grandview Ballroom*)
- 7:30 am - 12:00 pm Meeting Registration (*Upper Foyer*)
- 7:30 am - 12:00 pm Exhibits Open (*Grandview Ballroom*)
- 8:30 am - 12:00 pm Session Three (*Camellia*)
- 10:00 am - 10:30 am Refreshment Break (*Grandview Ballroom*)
- 12:00 pm - 2:00 pm Board of Directors Meeting (*Board Room*)

Session Three (*Camellia*)

Moderator: **Greg Wall**, *Helena Chemical Company, Sturgis, Mississippi*

- 8:30 am **Corps of Engineers Invasive Species Initiatives and Research Programs**
Linda Nelson, U.S. Army Engineer R&D Center, Vicksburg, MS
- 8:50 am **Attempts to Prevent Southern Naiad Growth in Arkansas Baitfish Ponds with Application of Low Rates of Fluridone**
George Selden, *University of Arkansas at Pine Bluff, Pine Bluff, Arkansas*
- 9:20 am **Evaluation of Summer Drawdowns for Control of Parrotfeather**
Ryan M. Wersal, *Mississippi State University, Starkville, MS*
- 9:50 am **Refreshment Break (*Grandview Ballroom*)**
- 10:15 am **Algae on the Move: Recent Range Expansion of *Prymnesium parvum***
John Rodgers, *Clemson University, Clemson, SC*
- 10:45 am **Updates in the Science of Targeted Algal Management**
Harry Knight, *Applied Biochemists, Cullman, AL*
- 11:00 am **Industry Updates**
- 11:45 am **Closing Remarks and Adjourn 29th Annual Meeting**
Harry Knight, *Applied Biochemists, Cullman, AL*

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Aquatic Plant Management Applicator Workshop, October 12, 2010

After the great success last year, we will hold a five-hour pre-conference workshop on aquatic plant management for applicators covering integrated pest management, herbicide application methods, pesticide label restrictions, application gear, and compliance, and aquatic plant identification. The fee for this workshop will again be \$50. The workshop will be held on the afternoon of October 12, 2010. More details will be forthcoming on the webpage, with the annual meeting announcements, and in the final pre-conference newsletter. Please plan to attend!

For more information, contact Dr. John D. Madsen, Associate Professor, Mississippi State University, jmadsen@gri.msstate.edu.

MidSouth Aquatic Plant Management Society Aquatic Plant Management Applicator Workshop Program, October 12, 2010 Guntersville State Park, AL

- 1:00 pm **Welcome and logistics**
John Madsen, *Mississippi State University Extension Service, Starkville, MS*
- 1:15 pm **Biological control of aquatic weeds: Integrated pest management**
Michael Grodowitz, *US Army Engineer Research and Development Center, Vicksburg, MS*
- 2:15 pm **Chemical control of aquatic weeds**
Chris Mudge, *US Army Engineer Research and Development Center, Vicksburg, MS*
- 3:15 pm **Break**
- 3:30 pm **Federal and state pesticide label restrictions, personal protective gear, and compliance**
Carlton Layne, *Aquatic Ecosystem Restoration Foundation, Marietta, GA*
- 4:30 pm **Precision herbicide application equipment guidelines and usage for aquatic plant management**
Wade Givens, *Mississippi State University Extension Service, Starkville, MS*
- 5:00 pm **Major aquatic weed problems in the MidSouth: Identification and specific recommendations for management**
John Madsen, *Mississippi State University Extension Service, Starkville, MS*
- 6:00 pm **Workshop Ends**

MSAPMS Board of Directors Nominations

The slate of officers is:

President-Elect Troy Goldsby
Secretary Sherry Whitaker
Treasurer Judy Shearer
Editor Ryan Wersal

Director Craig Aguiard
('10-'12)
Director Gerald Adrian
('10-'12)
Director Cliff Young
('10-'12) [Replacing Troy Goldsby]

This slate of officers was approved by the Board of Directors on 4/8/10.

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NPDES Update from Missouri

Lucy Marshall

Here is the response from one of our Congressman in Missouri.

Dear Lucia:

Thank you for expressing your thoughts regarding S. 3735 and H.R. 6087, a bill that amends the Federal Insecticide, Fungicide, and Rodenticide Act to improve the use of certain registered pesticides. I appreciate the opportunity to respond to your concerns.

As you may know, S. 3735 and H.R. 6087 amends the Federal Insecticide, Fungicide, and Rodenticide Act by adding that no additional permit shall be required for the use of pesticides, biological control organisms, or any other plant pest, noxious weed, or pest control activity, if the use of one or more of these products is already in accordance with the governing laws of this Act. On August 10, 2010 H.R. 6087 was referred to the Committee on Agriculture where it awaits further action.

We have a profound responsibility to protect our environment and it is appropriate that these issues be addressed by Congress at the federal level. Ultimately, however, I remain committed to a common-sense approach to environmental concerns, balancing economic and environmental outcomes. For that reason, I will not support duplicative measures and burdensome regulatory policies that needlessly hamstringing America's economy. Although I am not a member of the Committee on Agriculture, I will certainly keep your thoughts in mind should H.R. 6087 be brought to the House for a full vote.

I appreciate the time you took to share your thoughts with me. It is a privilege to represent you. If you have further questions regarding these or other issues facing our nation, please feel free to contact my office.

Sincerely,

Todd Akin
Member of Congress

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MSAPMS Board of Directors will hold their next board meeting at Lake Guntersville State Park on October 12, 2010.

WebSite Committee

We are in the process of putting together an archive section on the MSAPMS website containing past issues of the newsletter and abstracts from meetings. If you have old newsletters and/or programs please send them to Ryan Wersal to be scanned into an electronic format for posting to the website.

Send to:
Ryan Wersal
Geosystems Research Institute
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rwersal@gri.msstate.edu

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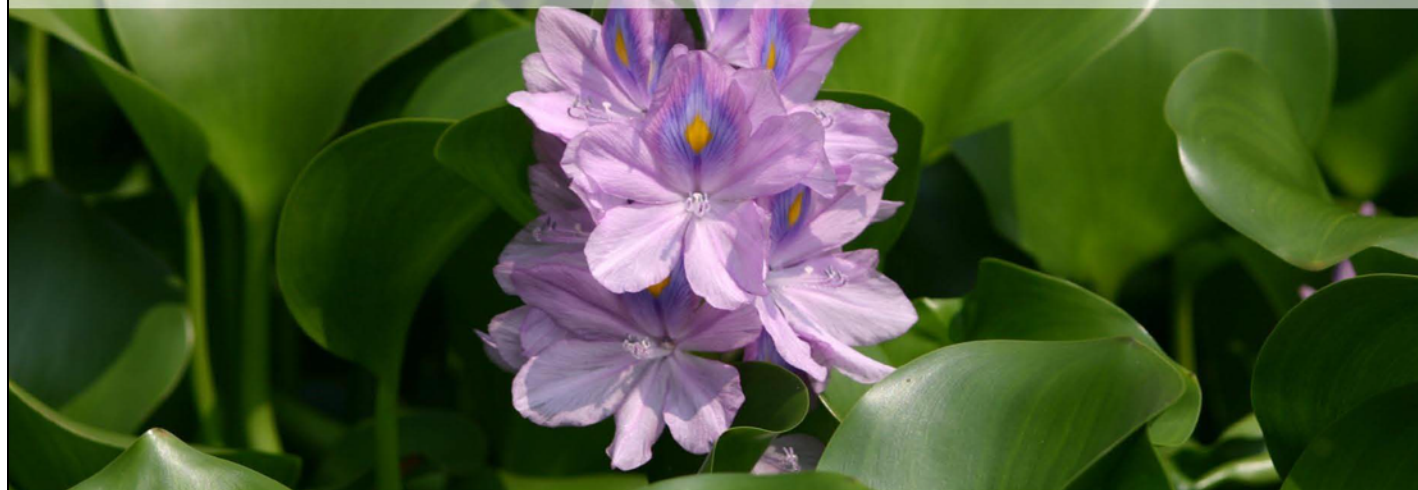
Visit the MSAPMS Website: www.msapms.org
The membership list can be viewed by using the following:

User Name: msapms Password: lilypad

Southern Weed Science Society

Symposium: Monitoring and Managing Invasive Aquatic Plants in Tropical Freshwater Systems

2011 Annual Meeting – San Juan, Puerto Rico



Program

January 24-26, 2011

Aquatic Weeds Species of Concern in Tropical Freshwater Systems

Dr. Wilfredo Robles – University of Puerto Rico

Economic and Ecological Impacts of Invasive Aquatic Plants

Dr. John D. Madsen – Mississippi State University

Advantages and Disadvantages of Aquatic Plant Management Techniques

Dr. John D. Madsen – Mississippi State University

Biological Control of Aquatic Weeds

Dr. Judy F. Shearer – US Army Corps of Engineers

Use of Herbicides to Control Emergent, Floating and Submersed Aquatic Plants: Special Challenges Posed by the Aquatic Environment

Dr. Michael D. Netherland – US Army Corps of Engineers

Herbicide Action and Mechanisms of Resistance in Aquatics

Dr. Gregory E. Macdonald – University of Florida

Non-target Toxicity of Herbicides Registered for Aquatic Use

Dr. Robert J. Richardson – North Carolina State University, Raleigh

Survey and Mapping Techniques for Use in Aquatic Plant Management

Dr. Ryan M. Wersal – Mississippi State University

Assisting with Management of Various Aquatic Macrophytes in the Caribbean Region

Mr. Terry Goldsby – Aqua Services, Inc.

100 Years of Aquatic Weed Control in Florida

Dr. William T. Haller – University of Florida

History of Aquatic Weed Control in Puerto Rico

Prof. Edwin Abreu – University of Puerto Rico

Panel Discussion – All presenters

Calendar of Events

**29th Annual MidSouth Aquatic Plant
Management Society Meeting**

October 12-14, 2010

Guntersville, AL

<http://www.msapms.org>

**34th Annual Florida Aquatic Plant Management
Society Training Conference**

October 19-21, 2010

Daytona Beach, FL

www.fapms.org

**Texas Aquatic Plant Management Society
Annual Conference**

October 25-27, 2010

Bandera, TX

www.tapms.org

International Symposium

North American Lake Management Society

Nov 3-5, 2010

Oklahoma City, OK

www.nalms.org

Southern Weed Science Society Annual Meeting

January 24-24, 2010

San Juan, PR

<http://www.swss.ws/index.htm>

Weed Science Society of America

Feb 7-10, 2011

Portland, OR

www.wssa.net

January Newsletter Deadline

December 15, 2010

Send Newsletter Items to:

Ryan Wersal

E-mail: rwersal@gri.msstate.edu