

Meeting Agenda

Monday, September 12th

Monday's Agenda-at-a-Glance

1:00 pm - 4:00 pm	Board of Directors Meeting (<i>Boardroom</i>)
3:00 pm - 6:00 pm	Meeting Registration (<i>Foyer</i>)
3:00 pm - 6:00 pm	Exhibits Setup (<i>Riverview A</i>)
6:00 pm - 8:00 pm	Welcoming Social (<i>Paramount Room</i>)

Tuesday, September 13th (Aquatic Plant Workshop)

Tuesday's Agenda-at-a-Glance

7:00 am - 9:00 am	Logistics and Travel to Henderson Lake (<i>Riverview B</i>)
9:00 am - 10:30 pm	Field Tour (<i>Henderson Lake</i>)
10:45 am - 11:30 am	Travel to Hotel
11:30 am - 12:30 pm	Lunch (<i>Riverview A</i>)
12:30 pm - 2:30 pm	Aquatic Plant Workshop (<i>Riverview B</i>)
2:30 pm - 2:45 pm	Refreshment Break (<i>Riverview A</i>)
2:45 pm - 5:00 pm	Aquatic Plant Workshop (<i>Riverview B</i>)

Dinner on your Own

2016 MidSouth Aquatic Plant Management Society Aquatic Plant Workshop

Location: Hilton Baton Rouge Capital Center Downtown Hotel (Baton Rouge, Louisiana) and Henderson Lake (Atchafalaya Basin, Louisiana)

Moderator: Christopher Mudge, *US Army Engineer Research & Development Center, Baton Rouge, Louisiana*

7:00 am	Breakfast (<i>Riverview A</i>)
7:30 am	Bus Arrives at Hotel
7:45 am	Welcome and Logistics.
8:00 am	Bus Departs for Field Tour
8:45 am	Bus Arrives at Henderson Lake

Hands-On Workshop and Tour of Active Aquatic Plant Management Field Site (*Henderson Lake*)

9:00 am	Field Tour Participants will partake in a boat tour of Henderson Lake, which is located in the Atchafalaya Basin. Attendees learn about and witness current management efforts to control giant salvinia, hydrilla, water hyacinth, and other invasive and problematic aquatic plants species.
10:30 am	Field Tour Ends
10:45 am	Bus Departs for Hotel/Lunch/Workshop
11:30 am	Bus Arrives at Hotel
11:30 am	Lunch (<i>Riverview A</i>)

Aquatic Plant Workshop (*Riverview B*)

Moderator: **Josh Yerby**, *Alabama Power, Calera, Alabama*

- 12:30 pm **Putting Pesticides in Perspective**
Kim Pope Brown
Louisiana State University AgCenter, Baton Rouge, Louisiana
- 1:30 pm **Identification of common aquatic plants in the MidSouth**
Chris Reid
Louisiana Department of Wildlife and Fisheries
- 2:30 pm **Refreshment Break** (*Riverview A*)
- 2:45 pm **What Happens to Herbicides after Application: Environmental Fate**
Christopher Mudge
US Army Engineer Research & Development Center, Baton Rouge, Louisiana
- 3:15 pm **Equipment Calibration/Application Calculations**
Terry Goldsby
Aqua Services, Inc., Guntersville, Alabama
- 3:45 pm **Biological Control of Weeds: Theory and Practice**
Rodrigo Diaz
Louisiana State University AgCenter, Baton Rouge, Louisiana
- 4:15 pm **Mass Rearing and Release of the Salvinia Weevil for Control of the Invasive Fern, Giant Salvinia**
Charles Wahl
Louisiana State University AgCenter, Baton Rouge, Louisiana
- 5:00 pm **Workshop Concludes**

Wednesday, September 14th (General Session)

Wednesday's Agenda-at-a-Glance

- 7:30 am - 8:30 pm Breakfast (*Riverview A*)
- 8:00 am - 5:00 pm Meeting Registration (*Foyer*)
- 8:00 am - 5:00 pm Exhibits Open (*Riverview A*)
- 8:30 am - 10:15 am Session I (*Riverview B*)
- 10:15 am - 10:45 am Refreshment Break (*Riverview A*)
- 10:45 am - 12:00 pm Session II (*Riverview B*)
- 12:00 pm - 1:00 pm Lunch (*On Your Own*)
- 1:00 pm - 2:30 pm Session III (*Riverview B*)
- 2:30 pm - 3:00 pm Refreshment Break (*Riverview A*)
- 3:00 pm - 4:45 pm Session IV (*Riverview B*)
- 4:45 pm - 5:00 pm Business Meeting (*Riverview B*)
- 5:00 pm - 6:00 pm Board of Directors Meeting (*Riverview B*)
- 6:30 pm - 9:00 pm Banquet (*Riverview B*)

Session I (*Riverview B*)

Special Session: Coastal Marshes to Caddo Lake: Aquatic Weed Management Symposium in the Capital City

Moderator: Ryan Wersal, Lonza Water Technology, Alpharetta, GA

- 8:30 am **Opening Remarks and Announcements**
Ryan Wersal
Lonza Water Technology, Alpharetta, GA
- 8:40 am **Presidential Address**
Alex Perret
Louisiana Dept. of Wildlife & Fisheries, Baton Rouge, Louisiana
- 8:50 am **Louisiana Session Welcoming Address**
Assistant Secretary Patrick Banks
Louisiana Dept. of Wildlife & Fisheries, Baton Rouge, Louisiana
- 9:00 am **An Integrated Approach to Aquatic Weed Control in Louisiana**
B. Rogers Leonard
Program Leader for Plants, Soils, & Ag. Water Resources, Louisiana State University Agricultural Center, Baton Rouge, Louisiana
- 9:15 am **40 Years of Aquatic Weed Control in Louisiana**
Dearl Sanders
Retired, Louisiana State University Agricultural Center, Baton Rouge, Louisiana
- 9:30 am **An Overview of Louisiana Department of Wildlife and Fisheries' Aquatic Plant Control Program**
Jill Day
Louisiana Dept. of Wildlife & Fisheries, Baton Rouge, Louisiana
- 9:45 am **Giant Salvinia Management on Federal and State Waterbodies in Louisiana: Challenges, Current Chemical Control Techniques and Future IPM Technologies**
Christopher Mudge
US Army Engineer Research & Development Center, LSU SPESS, Baton Rouge, Louisiana
- 10:00 am **Improving Biological Control of Giant Salvinia in Louisiana**
Rodrigo Diaz
Department of Entomology, Louisiana State University, Baton Rouge, Louisiana
- 10:15 am **Refreshment Break** (*Riverview A*)

Session II (*Riverview B*)

Moderator: Troy Goldsby, AquaServices, Inc., Guntersville, Alabama

- 10:45 am **APMS Update**
John Madsen
USDA ARS, UC-Davis Plant Sciences, Davis, California
- 10:55 am **AERF Update**
Carlton Layne
Aquatic Ecosystem Restoration Foundation, Marietta, Georgia
- 11:05 am **An Update on Alabama Power's Aquatic Plant Management Program**
Josh Yerby
Environmental Affairs, Alabama Power Company, Calera, Alabama

- 11:20 am **Management of Nuisance Exotic Aquatic Plant Species in Georgia Power Company's Reservoir: A Review of Survey Methodologies and Treatment Regimes.**
Warren Wagner
Environmental Affairs, Georgia Power Company, Atlanta, Georgia
- 11:35 am **Management of Aquatic Invasive Species in South Mississippi**
Mike Pursley
Mississippi Department of Marine Resources, Biloxi, Mississippi
- 12:00 pm **Lunch (On Your Own)**

Session III (Riverview B)

Moderator: Justin Nawrocki, United Phosphorus, Inc.

- 1:00pm **Response of *Salvinia Molesta* to Winter Foliar Herbicide Applications (Student Presentation)**
Bradley Sartain and Chris Mudge
School of Plant, Environmental, & Soil Sciences, Louisiana State University, Baton Rouge, Louisiana
US Army Engineer Research & Development Center, LSU SPESS, Baton Rouge, Louisiana
- 1:15 pm **Understanding the Cold Tolerance of *Cyrtobagous salviniae* Populations: Comparison of Super-Cooling Point, Chill Coma Recovery Time, and Mortality at 0°C (Student Presentation)**
Alana Russell and Rodrigo Diaz
Department of Entomology, Louisiana State University, Baton Rouge, Louisiana
- 1:30 pm **Integrated Pest Management Advances Using Aquatic Herbicides and Giant Salvinia Weevils (*Cyrtobagous salviniae*) to Control Giant Salvinia (*Salvinia molesta*)**
Allie Cozad and Christopher R. Mudge
Louisiana State University, Natchitoches, Louisiana; US Army Engineer Research & Development Center, LSU SPESS, Baton Rouge, Louisiana
- 1:45 pm **A Phylogenetic Analysis of *Potamogeton crispus* L.: Invasive Impacts on Community Assembly (Student Presentation)**
Chandler S. White and Jonathan P. Fleming
Department of Geography, University of North Alabama, Florence, Alabama
- 2:00 pm **Identifying and Mapping Chinese Tallow Tree Using Unmanned Aerial Systems and Multispectral Imagery**
Sathishkumar Samiappan, Gray Turnage, and Robert Moorhead
Geosystems Research Institute, Mississippi State University, Mississippi State, Mississippi
- 2:15 pm **Mapping of *Phragmites australis* using 5-band Imagery Collected from an Unmanned Aerial System**
Gray Turnage, Sathishkumar Samiappan, Lee Hathcock, and Robert Moorhead
Geosystems Research Institute, Mississippi State University, Mississippi State, Mississippi
- 2:30 pm **Refreshment Break (Riverview A)**

Session IV (Riverview B)

Moderator: Gray Turnage, Geosystems Research Institute, Mississippi State University

- 3:00 pm ***Lyngbya*: A Formidable Foe for Your Water Resource**
John Rodgers, Jr., Kyla Iwinski, Alyssa Calomeni, Ciera Kinley and Tyler Geer
Department of Forestry and Environmental Conservation, Clemson University, Clemson, South Carolina

- 3:15 pm **Aquatic Plant and Algae Control in Kentucky Ponds**
Forrest Wynne
Cooperative Extension Program, University of Kentucky, Mayfield, Kentucky
- 3:30 pm **Managing Aquatic Plants in the California Delta**
John Madsen
USDA ARS, UC-Davis Plant Sciences, Davis, California
- 3:45 pm **Crested Floatingheart (*Nymphoides cristata*) Growth and Development: Implications for Management Efforts**
Lyn Gettys, Kyle Thayer and Carl J Della Torre III
Fort Lauderdale Research and Education Center, University of Florida IFAS, Davie, Florida
- 4:00 pm **Field Response of Crested Floating Heart to Endothall Treatments Over Two Years**
Justin Nawrocki
United Phosphorus Inc.
- 4:15 pm **Small Plot Evaluations of Harpoon[®] Liquid Herbicide Alone and in Combination with an Aquatic Adjuvant for Control of Hydrilla in Chickamauga Lake, TN**
Troy Goldsby, Ryan Wersal, and Amber Khanzada
Aqua Services, Inc., Guntersville, Alabama
Lonza Water Treatment, Alpharetta, Georgia
- 4:30 pm **Assessing the Underwater Environment with OpenROV: Mapping and Measurement Potential**
Jonathan Fleming
Department of Geography, University of North Alabama, Florence, Alabama
- 4:45 pm **Annual Business Meeting (*Riverview B*)**
- 5:00 pm **Adjourn**
- 5:00 pm **Board of Directors Meeting (*Riverview B*)**
- 6:30 pm **Banquet (*Riverview B*)**



NEXT YEAR
36th Annual Meeting
Stay Tuned!