The time is here to make your hotel reservations and register for the 47th Annual Meeting of the Aquatic Plant Management Society. This year the APMS meeting is being held in Music City USA, Nashville, Tennessee. Make your arrangements by June 14, 2007 and join your friends at the Gaylord Opryland Resort & Convention Center, July 15-18, 2007. The Pre-final Program is available in this newsletter.

The Meeting Planning Committee has been very busy arranging exciting special events for all attendees. This year’s special events include the President’s Reception, Poster Session Reception, and Banquet. Join your friends and colleagues at The President’s Reception on Sunday night for the traditional “kick-off” of our annual meeting. The Poster Session Reception on Monday evening will provide for the viewing of posters and professional interactions/discussions in a casual setting. This year’s Banquet on Tuesday night will once again prove to be a memorable occasion. Included in the banquet is a great night of entertainment with “The Hits from the Hit Makers.” The entertainment will begin with a few songs from our very own Troy Goldsby, followed by some of country music’s greatest songs and the stories behind the songs. These songs will be performed by the song writers, and they are some of the best in the business. The trio of song writers will include Walt Aldridge, Casey Kelly and Todd Cerney. Walt Aldridge has written seven number one hits including "I Loved Her First" (Heartland), and other great hits like "Leave Him Out Of This" (Steve Warriner) and "Modern Day Bonnie and Clyde" (Travis Tritt). Songs written by Casey Kelly include "Soon" (Tanya Tucker), "The Cowboy Rides Away" (George Strait), and "The Road Not Taken" (Joe Diffie). Todd Cerney wrote the number one hit “Good Morning Beautiful” (Steve Holy), and other hits like “I’ll Still Be Loving You” (Restless Heart) and “Blues Is My Business” (Etta James). Prepare for a great night of music and the wonderful stories that will put you into the mind of the writers. These special events are free to all registered delegates, guests, and students. Non-registered guests may purchase tickets for these events at the registration desk.
Another exciting special event being planned is the Guest Tour on Tuesday. The tour begins with a visit to one of the most popular presidential homes in the nation, The Hermitage. This beautiful plantation was the home of Andrew Jackson our nation’s seventh president. The plantation tour will include The Hermitage mansion, grounds, garden, Jackson’s tomb, and original cabins. Lunch will be an on-the-water adventure aboard the General Jackson showboat. The General Jackson will cruise the scenic Cumberland River, providing fantastic sightseeing, musical entertainment, and dining. The Guest Tour is free to all registered guests. Non-registered guests may purchase tickets for this event at the registration desk.

To make your hotel reservation, call the Gaylord Opryland Resort & Convention Center directly at (615) 883-2211. You must make your reservation on or before June 14, 2007 and be sure to mention the Aquatic Plant Management Society Annual Meeting or Group Code X-AQPM7. Our special APMS guest room rate is $142.00 for single or double occupancy per night plus applicable tax, currently 14.25%. Each additional person to a room is $20.00. Children 12 years and under are free when occupying the same room as their parents. Room rates are good for 3 days before and after the meeting, based on availability. A resort fee of $10.00 will be charged per room per night and is subject to 9.25% sales tax. This fee includes high speed internet access, access to Cyber Café, local and toll-free calls up to 20 minutes, access to the fitness center, USA Today delivered daily (Monday-Friday), 2 bottles of water (refreshed daily), and scheduled complex transportation. Check-in time is 3:00 p.m. and check-out time is 11:00 a.m. Self and valet parking is available, please check with the hotel for cost.

The meeting registration fees are $225.00 for delegates and $100.00 for guests (spouse, partner, child over 12 years-of-age) if received by June 14, 2007. After this date, registration fees at the door will be $275.00 for delegates and $125.00 for guests. The meeting registration fee for students competing in the student paper contest (oral or poster) is waived and the registration fee for a student not competing is $50.00. Delegate and student registration includes all technical sessions, President’s Reception, refreshment breaks, Poster Reception, and Banquet. Guest registration includes President’s Reception, refreshment breaks, Guest Tour, Poster Reception, and Banquet. Non-registered guests may purchase individual tickets for the following events: President’s Reception, Guest Tour, Poster Reception, and Banquet.

Please help us in planning for the meeting by completing the Registration Form and submitting it prior to June 14, 2007. The Registration Form is available in this newsletter and on the APMS website. This will be an extraordinary meeting, so plan to come and bring the family. Music City USA awaits you!

**Annual Meeting Deadline Dates**

*June 14:* Last day to make hotel reservations.
   Last day for early registration.

*June 30:* Registration fees are fully refundable prior June 30, less a $25.00 handling fee.

**Thanks to Our 2007 Commercial Sustaining Members for Their Valuable Support to the APMS**

*Applied Aquatic Management, Inc.*
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*Syngenta Professional Products, Inc.*
*UAP Distribution, Inc.*
*United Phosphorus, Inc.*
2007 APMS Officer and Director Nominees

Biographical Information

The following nominees have been selected by the Nominating Committee to serve on the APMS Board of Directors. Active members of the Society will vote for new Officers and Directors during the Annual Business Meeting to be held on Monday, July 16, 2007, 4:30 pm in the Tennessee DE Room.

Vice President: Gregory E. MacDonald

Dr. Gregory MacDonald is an Associate Professor of Weed Science at the University of Florida. Dr. MacDonald earned a B.S. degree in Plant Science at Cornell University in 1986 and both a M.S. and Ph.D. in Agronomy-Weed Science at the University of Florida in 1990 and 1994, respectively. He was a faculty member (Extension Weed Specialist) at the University of Georgia from 1994-1998 and accepted his current position at the University of Florida. Dr. MacDonald serves on numerous committees within the Weed Science Society of America (as a Board member representing APMS), Southern Weed Science Society, Florida Exotic Pest Plant Council, Florida Crop and Soil Science Society (Board of Directors) and Florida Weed Science Society. Greg is currently finishing a three-year term as a Director on the APMS Board.

Editor: Michael D. Netherland

Dr. Michael Netherland is a Research Biologist for the U.S. Army Engineer Research and Development Center (USAERDC). He started working with nuisance aquatic plants while pursuing a M.S. degree at Purdue University. Upon graduation in 1989, Mike took a position with the USAERDC in Vicksburg, MS, and worked on improving control methods for invasive submersed aquatic plants. In 1999, Mike earned a Ph.D. from the University of Florida after which he accepted a position as Research Manager for Aquatics for the SePRO Corporation. In December 2003, he returned to USAERDC and is stationed at the University of Florida Center for Aquatic and Invasive Plants. Mike has been active in several regional APMS chapters, he is on the Board of Directors of the Florida APMS and he is the current Editor for the Journal of Aquatic Plant Management.

Secretary: Mark Heilman

Dr. Mark Heilman is currently the Aquatics Technology Leader for SePRO Corporation based at the SePRO Research and Technology Campus in Whitakers, NC. He received a B.S. in Biology in 1992 and his Ph.D. in Aquatic Ecology in 1998, both from the University of Notre Dame. After a postdoctoral position at Rice University in Houston, TX, Mark worked from 2000 through 2002 with ReMetrix LLC conducting GPS/GIS-based assessment of aquatic plant communities. Since 2002, he has worked in new product research for SePRO looking for new technologies to control aquatic invasive weeds. He has also provided research and technical assistance to a variety of aquatic plant management programs around the U.S. Since 2005, Dr. Heilman has served as the chairman of the APMS Student Affairs Committee.

Director: Tyler Koschnick

Dr. Tyler Koschnick is an Aquatic Research Manager with SePRO Corporation stationed in Medina, OH. He works nationwide conducting field research and developing existing aquatic-registered herbicides as well as evaluating new products. Tyler graduated in 1996 with a B.S. degree from Ohio Northern University and received his M.S. and Ph.D. degrees in 2003 and 2005 respectively at the University of Florida in agronomy/aquatic weed science. Tyler has been a Director for the Indiana Lake Management Society and the Midwest and Western Chapters of the Aquatic Plant Management Society. He also served several terms as the Scholastic Endowment Committee Chair with the APMS.

Director: Chetta Owens

Chetta Owens is an Invasive Aquatic Plant Ecologist with the U.S. Army Engineer Research and Development Center (USAERDC) stationed at the Lewisville Aquatic Ecosystem Research Facility in Lewisville, TX. She received her B.S. degree from the Texas Woman’s University in 1989 and M.S. degree from Texas Woman’s University and the University of North Texas in 1993. Chetta worked for 13 years as a
contractor with the USAERDC on biological and cultural aquatic plant management initiatives. She has served as Director, Secretary, and President of the Texas Aquatic Plant Management Society.

**Scholastic Endowment Committee Fund Raisers**

The Silent Auction and Reverse Raffle have been great fund raisers over the last several years. Nearly $9,000.00 was collected from these events at the 2006 Annual Meeting held in Portland, Oregon. The funds are used to support student scholarships, student presentation/poster awards, and travel for a Student Representative to participate in Board of Director meetings. Let’s work to exceed the 2006 level this summer in Nashville.

Cygnet Enterprises, Inc. has generously donated the Reverse Raffle Grand Prize this year – an exclusive, 7-night cruise of the western Caribbean aboard “Mariner of the Seas.” The excursion includes airfare. You won’t want to miss a chance to win this fabulous trip! Raffle tickets will be sold during the Annual Meeting at the APMS Registration Desk and from designated ticket agents. The Reverse Raffle will be held at the Tuesday evening banquet. You must be present to win.

The Silent Auction will be set up in the Exhibits area, starting Monday morning and closing midday Tuesday. Those who wish to donate a gift for this event are asked to contact Shaun Hyde as soon as possible. The auction item(s) should be delivered to the APMS Registration Desk upon your arrival at the hotel. Typical auction items include: backpacks, books, fishing reels, clothing, binoculars, iPod, digital cameras, and any other item that can be easily packed with your luggage.

All sponsors will be recognized on a poster at the Silent Auction tables, listed in the program (Sponsors confirmed prior June 1, 2007), and your web-link posted on the APMS website. Thank you for supporting our APMS students.

Shaun Hyde, Scholastic Endowment Chair
Phone: (860) 651-5583
E-mail: shaunh@sepro.com

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**The ISAC Travels to Miami**

The Invasive Species Advisory Committee (ISAC) met in Miami, FL from April 30 – May 3, 2007. The ISAC members advise the National Invasive Species Council (NISC) on invasive species issues ranging from prevention to early detection to research and management. This is the first ISAC meeting held outside Washington D.C. in three years, and provided an opportunity for members to see first-hand the pathways and immense numbers of exotic plants and animals that enter the U.S. via Florida ports each year. Also, during several presentations and a day-long field trip, members learned how extensively invasive plants and animals have infested Florida’s natural areas, and how, through intergovernmental cooperation, even seemingly overwhelming invasive plant problems can be resolved.

Jeff Schardt and Greg Jubinsky of the Florida Department of Environmental Protection (FDEP) presented overviews of the FDEP invasive aquatic and upland plant management programs. Francois Laroche of the South Florida Water Management District and Tony Pernas of the U.S. National Park Service were among the 25 state, federal, and local government and private company stakeholders who lead field trips into, over, and among stands of melaleuca and old world climbing fern infestations and control sites in the South Florida Water Conservation Areas.

Dr. Bill Haller with the University of Florida (UF) spoke on cooperative research and extension efforts and their roles in understanding and achieving control of invasive plants. Afterwards, Schardt reviewed the initiative to develop national
submersed aquatic plant research priorities; a project organized by Dr. Mark Sytsma at Portland State University. This December 2005 effort will be summarized and published in a special issue of the Journal of Aquatic Plant Management in late 2007. Schardt presented a motion to the ISAC to recommend that the NISC write to the Assistant Secretary of the Army for Civil Works and the Army Chief of Engineers to seek increased funding for the Corps of Engineers’ Aquatic Plant Control Program so that approximately $6-7 million would be available annually to conduct in-house and contracted aquatic plant research. The ISAC voted without dissention, to make this request to NISC.

Amy Richard with the UF Center for Aquatic and Invasive Plants presented information on initiatives to create invasive plant management curricula in Florida schools and to train Florida teachers on invasive plant issues – a project conceived by Honorary APMS Member, Vic Ramey. With a few minor adjustments, this information would be relevant across the U.S. After Richard’s presentation, the ISAC expressed interest in working with the National Environmental Education Foundation Environmental Education Week in April 2008, to focus on invasive species issues – an opportunity that could lead to the development of invasive species related curricula for the nation’s schools. For more information on Florida’s teacher initiatives regarding invasive plants, please visit: http://plants.ifas.ufl.edu/education.

The APMS is well represented on the ISAC with three of its 30 members also members of APMS: Earl Chilton, Texas Parks and Wildlife; Jeff Schardt, Florida Department of Environmental Protection; and Jennifer Vollmer, BASF. For additional information on the ISAC and NISC please visit their web sites currently housed on the USDA website at: http://www.invasivespeciesinfo.gov/.

Invasive Plant Science and Management

The Weed Science Society of America (WSSA) is pleased to announce that it is creating a new journal titled Invasive Plant Science and Management. This new journal will focus on fundamental and applied research on invasive plant biology, ecology, management, and restoration of invaded non-crop areas, as well as on educational, sociopolitical, and technological aspects of invasive plant management.

The first issue is expected to be published in early 2008. Articles on the following topics are being solicited: the biology and ecology of invasive plants in rangeland, parkland, prairie, pasture, preserve, urban, wildland, forestry, riparian, wetland, aquatic, recreational, rights-of-way, and other non-crop settings; genetics of invasive plants; social, ecological, and economic impacts of invasive plants; design, efficacy, and integration of control tools; land restoration and rehabilitation; effects of management on soil, water, and wildlife; scholarship in education, extension, and outreach methods and resources; technology and product reports; mapping and remote sensing, inventory and monitoring; technology transfer tools; and regulatory issues.

Types of articles include research and education, case studies, reviews, symposium papers, and notes and commentary. Manuscripts will be peer-reviewed for content and presentation by two or more anonymous reviewers and an Associate Editor. Final acceptance or rejection is the prerogative of the Editor, Dr. Joseph DiTomaso.

Invasive Plant Science and Management will be published quarterly, beginning the first quarter in 2008. The journal will be available as a selected benefit of WSSA membership and also by individual subscription.

Instructions for contributions may be found at http://www.wssa.net. For more information, contact Editor Dr. Joseph DiTomaso at jmditomaso@ucdavis.edu.

APMS Promotional Information Available

The APMS has revised its two tabletop displays and posters, suitable for presentation at conferences and stakeholder meetings. Also available are tri-fold membership brochures and a newly completed
eight-page color booklet with additional information about the APMS programs and initiatives. You may borrow the display for your next conference and obtain copies of the brochure and booklet by contacting the APMS Secretary or President whose contact information is on the APMS web site at www.apms.org.

**WSSA Undergraduate Research Award - 2008**

The Weed Science Society of America has developed an Undergraduate Student Research Grant designed to encourage and involve exceptional undergraduates in agricultural research. Interested faculty members are encouraged to identify potential award candidates and discuss the possibility of sponsoring a research project. Awards may be used as a stipend, for research budget expenses (travel, supplies, etc.), to defer fees, to defray living expenses for summer research, or any combination of these items.

**AWARD:** Up to $1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2008. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor’s department.

**APPLICANT:** The applicant is an undergraduate student with a strong interest in Weed Science. Students majoring in all related disciplines may apply.

**TO APPLY:** Applicants should prepare a 2-3 page research proposal including name, address, phone number, title, objective, experimental approach, discussion, budget and references. The discussion section of the proposal should describe the expected results and their possible significance to Weed Science. The student should provide a cover letter in which general academic and career goals are discussed. A copy of the student’s academic transcripts must also be provided.

**FACULTY SPONSOR:** Any faculty member who is actively engaged in Weed Science research is qualified to be a sponsor. The faculty sponsor should review the research proposal with special attention to the budget; the distribution of funds should be approved by both the student and sponsor. In addition, the sponsor should provide a letter of reference including a statement of his/her willingness to supervise the proposed research and to provide needed space, equipment and supplies above those requested in the proposal. The sponsor is encouraged to assist the student in presenting his/her results at a regional Weed Science Meeting.

**HOW TO APPLY:** The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to:

Dr. John Jachetta  
Dow AgroSciences  
9330 Zionsville Road  
Indianapolis, IN 46268-1054  
Phone: (317) 337-4686  
Fax: (317) 337-4649  
E-mail: jjjachetta@dow.com

Proposals should be received no later than November 16, 2007. Funding decisions will be made by January 25, 2008 and presented at the 2008 WSSA National Meeting General Session.

**Right-of-Way and Aquatic Pesticide Applicator Training Course**

The University of Florida Institute of Food and Agricultural Science (IFAS) is offering a training course for aquatic and right-of-way pesticide applicators. The course will be held October 16-18, 2007, at the Edgewater Beach Resort in Panama City, Florida.

You will benefit from this program if you:

- Need CEU’s for Alabama, Florida, Georgia, Louisiana, Mississippi, and Texas licenses;
- Need Pesticide Applicator CEU’s in the following categories: Aquatic, Right-of-Way, General Standards (CORE), Natural Areas;
• Conduct weed control in canals, lakes, water retention ponds, golf course ponds, rivers, parks, highway right-of-ways, and transmission lines;

• Are employed by a public agency or private company which is responsible for vegetation management along right-of-ways and in natural areas;

• Are employed by a basic manufacturer or distributor that markets aquatic or vegetation management herbicides;

• Use biological control techniques to suppress aquatic weed growth;

• Establish and maintain wetland mitigation areas.

For additional information, contact:

Jhanna Crutchfield  
Conference Coordinator  
Phone: (352) 392-5930  
Fax: (352) 392-9734  
E-mail: jhanna@ufl.edu

Have You Checked the APMS Member Directory Lately?

We need your help to update the mailing and E-mail addresses and phone numbers in our on-line Membership Directory. To do this, go to the APMS website at www.apms.org and click on “Member Directory.” This member only feature can be accessed by typing:

Username = apms  
Password = duckweed

Username and password are case sensitive (no caps). Please check your personal data and send any changes to the Webmaster, Dave Petty at dpetty@ndrsite.com.

Get Involved in the APMS Join a Committee

We all enjoy being part of a dynamic and worthy organization. We also should do our part to make sure that the APMS stays a vital and exciting organization. The APMS is an all-volunteer group that will not work without all of our efforts. One way to become involved is to participate in a committee. There are many committees that need your participation and input. For a list of committees and their respective duties, check out the APMS Bylaws (Article XIII) posted on the APMS website. If you are interested in serving on a committee, you can sign up at the July Annual Meeting in Nashville (sign-up sheets posted at the registration desk) or contact the President or President Elect at the following email addresses:

President: Don Doggett  
doggett@lchcd.org  

President Elect: Jim Petta  
jim.petta@syngenta.com

Welcome New Members

The Aquatic Plant Management Society is pleased to welcome the following new members since March 2007.

Nathan Long, Seymour, IN  
Annie Dunn, Research Triangle Park, NC  
Ross Gilbert, Orange, NSW, Australia  
Vlady Diaz Henriquez, Del Valle, Mexico  
Craig Smith, Wellington, FL  
Christopher Bramley, Las Vegas, NV  
Sarah Berger, Kissimmee, FL

Information, online registration, and a tentative agenda can be found at: http://conference.ifas.ufl.edu.applicator. There is a reduced registration fee ($225.00) if registration is received by July 16, 2007.
Pre-Final Program

Sunday, July 15

Sunday’s Agenda-at-a-Glance

7:30 am - 5:00 pm APMS Board of Directors Meeting (Belmont A)
12:00 pm - 5:00 pm Exhibits Setup (Tennessee AB)
12:00 pm - 5:00 pm Posters Setup (Tennessee AB)
1:00 pm - 5:00 pm Registration (Tennessee Registration Desk)
1:00 pm - 5:00 pm Speaker Ready Room (Belmont B)
2:00 pm - 5:00 pm MSAPMS Board of Directors Meeting (Lincoln B)
7:00 pm - 9:00 pm President’s Reception (Tennessee DE)

Sponsored by SePRO Corporation

Monday, July 16

Monday’s Agenda-at-a-Glance

7:30 am - 8:00 am Continental Breakfast (Tennessee AB)
7:30 am - 5:00 pm Registration (Tennessee Registration Desk)
7:30 am - 5:00 pm Speaker Ready Room (Belmont B)
7:30 am - 5:00 pm Exhibits Open (Tennessee AB)
7:30 am - 5:00 pm Posters Open (Tennessee AB)
8:00 am - 12:00 pm Session I: Presidential Address and Special Session: Invasive and Protected Species Interactions (Tennessee DE)
9:30 am - 10:00 am Refreshment Break (Tennessee AB)
12:00 pm - 1:30 pm Lunch
12:00 pm - 1:30 pm Aquatic Ecosystem Restoration Foundation Meeting (Hermitage AB)
12:00 pm - 1:30 pm Student Affairs Luncheon (Hermitage E)
1:30 pm - 4:30 pm Session II: Management and Ecology of Nuisance and Invasive Plants (Tennessee DE)
3:00 pm - 3:30 pm Refreshment Break (Tennessee AB)
4:30 pm - 5:00 pm APMS Annual Business Meeting (Tennessee DE)
5:30 pm - 7:00 pm Poster Session and Reception (Tennessee AB)

Sponsored by Syngenta Professional Products

Session I: Presidential Address and Special Session: Invasive and Protected Species Interactions
8:00 am - 12:00 pm
Tennessee DE
Moderator: Donald W. Doggett, Lee County Hyacinth Control District, Fort Myers, FL

8:00 am Opening Remarks and Announcements
8:10 am Presidential Address
Donald W. Doggett
Lee County Hyacinth Control District, Fort Myers, FL

8:30 am Invasive Species and Conflicts: Setting the Stage National Invasive Species Council
Jennifer Vollmer
BASF Corporation, Laramie, WY
Managing for Biodiversity
Barry A. Rice
The Nature Conservancy, Global Invasive Species Initiative, Davis, CA

Federal Research Perspective on the Interaction of Endangered and Invasive Species
Rachel Claire Muir
U.S. Geological Survey, Reston, VA

Refreshment Break (Tennessee AB)

Managing Invasive Plants with Consideration for the Whole Plant Assemblage
Ken Wagner
North American Lake Management Society (NALMS), Madison, WI

A View from the NWR
Michael Lusk
National Wildlife Refuge, Arlington, VA

Europe: A View from across the Pond
Jonathan Newman
Centre for Aquatic Plant Management, Berkshire, UK

State of Massachusetts
Misty-Anne R. Marold
Massachusetts Division of Fisheries and Wildlife, Westborough, MA

An Industry Perspective
Jim Skillen
Responsible Industry for a Sound Environment (RISE), Washington, DC

Panel Discussion: All Session Presenters
Please submit questions to the moderator during the morning break

Lunch

Session II: Management and Ecology of Nuisance and Invasive Plants
1:30 pm - 4:30 pm
Tennessee DE
Moderator: John D. Madsen, Mississippi State University, GeoResources Institute, Mississippi State, MS

A Pathogen for Control of Alligator Weed in the Australian Core Infestation (Student Presentation)
Ross L. Gilbert\textsuperscript{1,2}, G. M. Gurr\textsuperscript{1}, and M. J. Priest\textsuperscript{2}
\textsuperscript{1}Charles Sturt University, School of Rural Management, NSW, Australia.
\textsuperscript{2}NSW Department of Primary Industries, Orange Agricultural Institute, NSW, Australia

The Status of Fluridone Resistant Hydrilla in Florida and Its Impact on Operations and Research
Michael D. Netherland
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Gainesville, FL

Evaluation of Imazamox for Control of Eurasian Watermilfoil (Student Presentation)
Joseph D. Vassios, Scott J. Nissen, and Galen Brunk
Colorado State University, Fort Collins, CO

Community Effects of Large-scale Changes in Plant Composition after a Lake-wide Herbicide Treatment (Student Presentation)
Katya E. Kovalenko
Mississippi State University, Department of Wildlife and Fisheries, Mississippi State, MS
2:30 pm  Case Study: Selective Control of Eurasian Watermilfoil Using Diquat – Four Years of Results
Marc Bellaud1, Jim Petta2, Gerald Smith1 and Michael Lennon1
1Aquatic Control Technology, Inc., Sutton, MA
2Syngenta Professional Products, Corpus Christi, TX

2:45 pm  Effects of Adjuvants on Phytotoxicity of Diquat to Aquatic and Terrestrial Plants (Student Presentation)
Tomas F. Chiconela1, William T. Haller1, Gregory E. MacDonald2, Michael D. Netherland3, D. Wofford2, and R. McGovern4
1University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL
2University of Florida, Agronomy Department, Gainesville, FL
3U.S. Army Engineer Research and Development Center, Environmental Laboratory, Gainesville, FL
4University of Florida, Department of Plant Pathology, Gainesville, FL

3:00 pm  Refreshment Break (Tennessee AB)

3:30 pm  Impact of Aquathol K Applications on Largemouth Bass Spawning Behavior and Production of Young Fish (Student Presentation)
Matthew Marshall, Michael Maceina, and Steven Sammons
Auburn University, Department of Fisheries, Auburn, AL

3:45 pm  Flumioxazin Development for Aquatic Weed Control (Student Presentation)
Christopher R. Mudge and William T. Haller
University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL

4:00 pm  Water Hyacinth Management
M. Saeed1 and M. Shafi2
1Agricultural University, Department of Weed Science, Peshawar, Pakistan
2Agricultural University Faisalabad, Pakistan

4:15 pm  J. Strom Thurmond Reservoir Avian Vacuolar Myelinopathy (AVM) Epizootic: Field Assessment and Management Plan (Student Presentation)
Rebecca S. Haynie
Clemson University, Institute of Environmental Toxicology, Clemson, SC

4:30 pm  Adjourn

APMS Annual Business Meeting
4:30 pm - 5:00 pm
Tennessee DE

Poster Session
5:30 pm - 7:00 pm
Tennessee AB

A Temperate Lake Study of the Cyanobacterium Cylindrospermopsis raciborskii (Student Poster)
Clay H. Britton, Carole A. Lembi, and Robert E. Pruitt
Purdue University, Department of Botany and Plant Pathology, West Lafayette, IN

Digital Growth of Common Reed (Phragmites australis (Cav.) Trin. ex Steud) (Student Poster)
Joshua C. Cheshier and John D. Madsen,
Mississippi State University, GeoResources Institute, Mississippi State, MS

Development of an Overseas Biological Control Program for Eurasian Watermilfoil (Myriophyllum spicatum)
Mathew J. W. Cock, Hariet L. Hinz, Gitta Grosskopf, and Patrick Hafliger
CABI Europe Switzerland, Delémont, Switzerland
Glyphosate and Aterbane Acute Toxicities to South American Tropical Fishes
Claudinei da Cruz, Natalia Sayuri Shiogiri, Matheus Nicolino Peixoto Henares, Silvia Patricia Carraschi, and Robinson Antonio Pitelli
EcoSafe Agriculture and Environmental Sciences, Jaboticabal, Sao Paulo, Brazil

Herbicides for Variable Leaf Milfoil Control (Student Poster)
Adam Frank, Robert J. Richardson, and Andrew P. Gardner
North Carolina State University, Raleigh, NC

Hydrellia pakistanae Development on Monoecious Hydrilla under Greenhouse Mass-rearing Conditions
Jan E. Freedman and Michael J. Grodowitz
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Evaluation and Registration of New Aquatic Herbicides
Kurt D. Getsinger¹, Angela G. Poovey¹, Michael D. Netherland², and Jeremy G. Slade³
¹U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Gainesville, FL
³Mississippi State University, Department of Wildlife and Fisheries, Vicksburg, MS

Current Status on the Use of Insect Biocontrol for the Management of Hydrilla on Lake Gaston
Michael J. Grodowitz
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

The Development of Management Strategies for the Control of Salvinia spp. Using the Biocontrol Agent Cyrtobagous salviniae: Lake Conroe, TX – a Case Study
Michael J. Grodowitz¹, Blake Kellum², Chetta S. Owens³, Julie G. Nachtrieb⁴, and Nathan E. Harms⁴
¹U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS
²San Jacinto River Authority, Conroe, TX
³U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
⁴University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX

Use of the Hydrellia Biocontrol Agents for Management of Hydrilla at Field Sites in the United States
Michael J. Grodowitz¹, Charlie E. Ashton², Julie G. Nachtrieb³, Nathan E. Harms⁴, and Chetta S. Owens⁴
¹U.S. Army Corps of Engineers, Jacksonville District, Jacksonville, FL
²University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
³University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
⁴U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX

A Survey of North American Macrophyte Invertebrate Enemies (Student Poster)
Nathan Harms¹ and Michael J. Grodowitz²
¹University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Acute Toxicity of Diquat to South American Tropical Fishes
Matheus Nicolino Peixoto Henares, Claudinei da Cruz, Gabriela Roncada Gomes, and Robinson Antonio Pitelli
UNESP/NEPEAM, Jaboticabal, Sao Paulo, Brazil

Sediment Nitrogen Depletion by Hydrilla verticillata
David Honnell¹, R. Michael Smart², and Dian H. Smith¹
¹University of North Texas, Institute of Applied Science, Denton, TX
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
Pilot-scale Production and Stabilization of Microsclerotia of the Potential Mycoherbicide *Mycoleptodiscus terrestris* Using Deep-tank Fermentation and Air-drying
Mark A. Jackson¹, Judy F. Shearer², and Mark A. Heilman³
¹U.S. Department of Agriculture, Agriculture Research Service, Peoria, IL
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS
³SePRO Corporation, Whitakers, NC

Endothall Combinations with 2,4-D and Triclopyr for Control of Eurasian Watermilfoil
John D. Madsen¹, Kurt D. Getsinger², and Ryan M. Wersal¹
¹Mississippi State University, GeoResources Institute, Mississippi State, MS
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Wild Rice (*Zizania aquatica* L.) Susceptibility to the Aquatic Herbicide Triclopyr
John D. Madsen¹, Kurt D. Getsinger², and Ryan M. Wersal¹
¹Mississippi State University, GeoResources Institute, Mississippi State, MS
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Initial Mapping of Hydrilla and Other Submerged Vegetation in Lake Manitou, Indiana
Jeffrey Myers¹ and Bob Johnson²
¹ReMetrix LLC, Carmel, IN
²SePRO Corporation, Brownstown, IN

Mesocosm Evaluation of Fluridone and *Mycoleptodiscus terrestris* for Control of Hydrilla
Linda S. Nelson and Judy F. Shearer
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Impact of Insect Herbivory on Dispersal in *Hydrilla verticillata* (L.f.) Royle
Chetta S. Owens¹, Michael J. Grodowitz², and R. Michael Smart¹
¹U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

*Salvinia molesta* – A Review of Past Research and What’s Coming Up!
Chetta S. Owens, R. Michael Smart, and Gary O. Dick
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX

Multivariate Studies in a Macrophyte Community Colonizing the Santana Reservoir, Rio de Janeiro, Brazil
Robinson Luiz de Campos Machado Pitelli¹, Claudia Maria Toffanelli Fiorillo², Edivaldo Domingues Velini³, Antonio Sergio Ferraudo², and Robinson Antonio Pitelli²
¹EcoSafe Agriculture and Environmental Sciences, Jaboticabal, Sao Paulo, Brazil
²UNESP/NEPEAM, Jaboticabal, Sao Paulo, Brazil
³UNESP/NUPAM, Fazenda Lageado, Brazil

Seasonal Biomass Detection of Waterhyacinth Using Normalized Difference Vegetation Index Derived From Landsat 5 TM Simulated Data (Student Poster)
Wilfredo Robles and John D. Madsen
Mississippi State University, GeoResources Institute, Mississippi State, MS

Giant Salvinia Response to Submersion and Herbicides (Student Poster)
Rory L. Roten, Robert J. Richardson, and Andrew P. Gardner
North Carolina State University, Raleigh, NC

Three-year Summary of Monitoring Invasive Brazilian Waterweed in the Sacramento-San Joaquin Bay-Delta, CA
Scott A. Ruch¹ and Kurt A. Shanaya²
¹ReMetrix LLC, Berkeley, CA
²ReMetrix LLC, Carmel, IN
Sonar for Duckweed Control in Madison County, Arkansas
George Selden¹ and Darrin Henderson²
¹University of Arkansas at Pine Bluff, Newport, AR
²University of Arkansas, Huntsville, AR

Effects of Scaling-up on Mycoherbicide Characteristics
Judy F. Shearer¹, Mark A. Jackson², and Mark A. Heilman³
¹U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS
²U.S. Department of Agriculture, Agriculture Research Service, Peoria, IL
³SePRO Corporation, Whitakers, NC

Impact of Biological Control Agents on Fluridone Resistant and Susceptible Hydrilla Biotypes
Judy F. Shearer, Jan E. Freedman, and Michael J. Grodowitz
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

The Potential Role of Endophytic Fungi on Myriophyllum spicatum Senescence
Judy F. Shearer
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Control of Sago Pondweed at Low Temperatures Using Endothall
Jeremy G. Slade¹, Kurt D. Getsinger², and Angela G. Poovey²
¹Mississippi State University, Department of Wildlife and Fisheries, Vicksburg, MS
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

Lake Gaston (NC-VA) Ecological Studies: 2006
R. Michael Smart
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX

Phragmites Control with Imazapyr, Glyphosate, and Triclopyr (Student Poster)
Sarah L. True¹, Lloyd Hipkins², Robert J. Richardson¹, and Andrew P. Gardner¹
¹Virginia Tech, Blacksburg, VA
²North Carolina State University, Raleigh, NC

Incorporation of ArcGis Methodology to Determine the Biomass of Aquatic Plant Communities in the Atchafalaya River Basin, Louisiana, USA
Rachel C. Walley, Michael D. Kaller, William E. Kelso
Louisiana State University Agricultural Center, School of Renewable Natural Resources, Baton Rouge, LA

Comparison of Imazapyr and Imazamox for Control of Parrotfeather (Myriophyllum aquaticum (Vell.) Verdc.) (Student Poster)
Ryan M. Wersal and John D. Madsen
Mississippi State University, GeoResources Institute, Mississippi State, MS

Alligatorweed Control with Herbicides (Student Poster)
Amanda M. West, Robert J. Richardson, and Andrew P. Gardner
North Carolina State University, Raleigh, NC

Lynde L. Williams¹, R. Michael Smart², and Chetta S. Owens³
¹University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX
Future Research and Management Objectives for Avian Vacuolar Myelinopathy
Sarah Williams¹, Michael Hook², and Susan B. Wilde³
¹South Carolina Department of Natural Resources, Charleston, SC
²University of South Carolina, Columbia, SC
³University of South Carolina-Belle Baruch Institute, South Carolina Department of Natural Resources, Marine Resources Division, Charleston, SC

Tuesday, July 17

Tuesday’s Agenda-at-a-Glance

6:30 am - 8:00 am Regional Chapters Presidents’ Breakfast (Belmont A)
Sponsored by Helena Chemical Company

7:30 am - 8:00 am Continental Breakfast (Tennessee AB)
Sponsored by BASF Corporation

7:30 am - 5:00 pm Registration (Tennessee Registration Desk)

7:30 am - 5:00 pm Speaker Ready Room (Belmont B)

7:30 am - 5:00 pm Exhibits Open (Tennessee AB)

7:30 am - 5:00 pm Posters Open (Tennessee AB)

8:00 am - 12:00 pm Session III: Invasive and Nuisance Plant Monitoring, Physiology, and Management (Tennessee DE)

9:00 am - 2:30 pm Guest Tour (Meet in Magnolia Lobby)
Sponsored by Applied Biochemists

9:30 am - 10:00 am Refreshment Break (Tennessee AB)
Sponsored by BASF Corporation

12:00 pm - 1:30 pm Lunch

12:00 pm - 1:30 pm Past Presidents’ Luncheon (Belmont A)
Sponsored by Valent Professional Products

1:30 pm - 5:00 pm Session IV: Invasive Plant Species, Aquatic Habitat Management, and Special Session: MidSouth Issues (Tennessee DE)

3:00 pm - 3:30 pm Refreshment Break (Tennessee AB)
Sponsored by BASF Corporation

5:00 pm - 5:30 pm MSAPMS Annual Business Meeting (Tennessee DE)

6:00 pm - 10:00 pm Banquet (Hermitage CD)
Sponsored by United Phosphorus Inc.

Session III: Invasive and Nuisance Plant Monitoring, Physiology, and Management
8:00 am - 12:00 pm
Tennessee DE
Moderator: Judy F. Shearer, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

8:00 am  High-accuracy Mapping of Egeria densa Using Satellite Imagery
Catherine Huybrechts
Endpoint Environmental, San Francisco, CA

8:15 am  Common Reed: Phragmites australis (Cav.) Trin. Ex Steud: Life History in the Mobile River Delta, Alabama (Student Presentation)
Joshua C. Cheshier and John D. Madsen
Mississippi State University, GeoResources Institute, Mississippi State, MS

8:30 am  Growth Response of Potamogeton crispus to Lime Application in Experimental Mesocosms
William F. James
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Spring Valley, WI

8:45 am  Influences of Light Intensity Variations on Growth Characteristics of Parrotfeather (Myriophyllum aquaticum (Vell.) Verdc.) (Student Presentation)
Ryan M. Wersal and John D. Madsen
Mississippi State University, GeoResources Institute, Mississippi State, MS
9:00 am  Watermeal Response to Fluridone and Other Herbicides  
Andrew P. Gardner and Robert J. Richardson  
North Carolina State University, Raleigh, NC

9:15 am  Detection of Herbicide Injury on Waterhyacinth Using Landsat 5 TM Simulated Data (Student Presentation)  
Wilfredo Robles and John D. Madsen  
Mississippi State University, GeoResources Institute, Mississippi State, MS

9:30 am  Refreshment Break (Tennessee AB)

10:00 am  Exposure of Native American’s to Fluridone through the Ingestion of Tules from Clear Lake, California - Exposure and Risk  
Susan G. Monheit¹, Robert C. Leavitt¹, Elaine Wong², and P. Akers²  
¹California Department of Food and Agriculture, Sacramento, CA  
²California Department of Food and Agriculture, Center for Analytical Chemistry, Sacramento, CA

10:15 am  The Impact of Fluridone on Target and Non-target Plant Species: Data from Monitoring of Actual Lake Treatments  
Ken Wagner  
ENSR Water Resources, Willington, CT

10:30 am  Home Sweet Home: Macroinvertebrate Assemblages in Beds of Monotypic Hydrilla, Diverse Native Aquatic Plants, and a Plantless Habitat (Student Presentation)  
Heather J. Theel and Eric D. Dibble  
Mississippi State University, Department of Wildlife and Fisheries, Mississippi State, MS

10:45 am  Integrating Acoustic Mapping into Operational Aquatic Plant Management: A Case Study in Wisconsin  
Bruce Sabol¹, Jim Kannenberg², and John Skogerboe³  
¹U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS  
²Marine Biochemists, Inc., Germantown, WI  
³U.S. Army Engineer Research and Development Center, Environmental Laboratory, Spring Valley, WI

11:00 am  Sexual Preference and Alternative Life Cycles in Hydrilla: Monocious and Dioecious  
Chetta S. Owens  
U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX

11:15 am  Laboratory Experiments with Algimycin® PWF and Copper Sulfate Pentahydrate to Predict Risks for Non-target Species (Student Presentation)  
Brenda M. Johnson, Matthew M. Chao, O’Niell R. Tedrow, and John H. Rodgers, Jr.  
Clemson University, Department of Forestry and Natural Resources, Clemson, SC

11:30 am  An Integrated Approach to Invasive Plant Management: Biocontrol and Native Plant Interactions  
Julie G. Nachtrieb¹, Michael J. Grodowitz², R. Michael Smart³, and Chetta S. Owens³  
¹University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX  
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS  
³U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX

11:45 am  Response of Three Populations of Cabomba to Different Herbicides and Environmental Variables (Student Presentation)  
Brett W. Bultemeier¹, Michael D. Netherland², and William T. Haller¹  
¹University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL  
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Gainesville, FL

12:00 pm  Lunch
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 pm</td>
<td>Collaborative Study of New Production Methods and Related Efficacy on Target Submersed Weeds to Support Development of the Potential Bioherbicide <em>Mycoleptodiscus terrestris</em></td>
<td>Mark A. Heilman¹, Mark A. Jackson², Judy F. Shearer³, and Linda S. Nelson³ ¹SePRO Corporation, Whitakers, NC ²U.S. Department of Agriculture, Agriculture Research Service, Peoria, IL ³U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS</td>
</tr>
<tr>
<td>1:45 pm</td>
<td>Intensive Grass Carp Stocking Effects on Reservoir Invasive Plants and Native Fish Populations (Student Presentation)</td>
<td>A. Brad Garner¹, Thomas J. Kwak¹, Kenneth L. Manuel², and D. Hugh Barwick³ ¹North Carolina State University, Cooperative Fish and Wildlife Research Unit, Raleigh, NC ²Duke Energy Environmental Center, Huntersville, NC ³Duke Energy Carolinas, Charlotte, NC</td>
</tr>
<tr>
<td>2:00 pm</td>
<td>Use of Multi-attribute Utility Analysis for the Identification of Aquatic Plant Restoration Sites (Student Presentation)</td>
<td>Michael J. Grodowitz¹, R. Michael Smart¹, Joe Snow³, Gary O. Dick⁵, and Jeffrey A. Stokes⁴ ¹U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS ²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX ³University of North Texas, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX ⁴Bowhead Information Technology Services, U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS</td>
</tr>
<tr>
<td>2:15 pm</td>
<td>Houghton Lake: Submerged Vegetation Response Five-years after a Large-scale, Low-dose, Whole-lake Sonar® Treatment</td>
<td>Doug Henderson¹ and Paul Hauser² ¹ReMetrix LLC, Carmel, IN ²Progressive AE, Grand Rapids, MI</td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Effects of Aquatic Vegetation Management on the Ecology of Small Impoundments (Student Presentation)</td>
<td>Trevor J. Knight and Michael P. Masser  Texas A&amp;M University, Texas Cooperative Extension, College Station, TX</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Integrating Plant Management within Ongoing Field and Laboratory Research on Avian Vacular Myelinopathy</td>
<td>Susan B. Wilde¹, Sarah Williams², Rebecca S. Haynie³, Jessica Alexander⁴, Faith Wiley³,⁵, Charlotte Hope², Tom Murphy², William Bowerman³, and Fran Van Dolah⁵ ¹University of South Carolina-Belle Baruch Institute, South Carolina Department of Natural Resources, Marine Resources Division, Charleston, SC ²South Carolina Department of Natural Resources ³Clemson University, Institute of Environmental Toxicology, Clemson, SC ⁴University of South Carolina, Marine Science Department, Columbia, SC ⁵NOAA National Ocean Service, Charleston, SC</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Refreshment Break (Tennessee AB)</td>
<td></td>
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</table>
3:45 pm  Evaluation of Potential Cross-resistance in Fluridone-resistant Hydrilla to Other Bleaching Herbicides
Atul Puri¹, William T. Haller¹, and Michael D. Netherland²
¹University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL
²U.S. Army Engineer Research and Development Center, Environmental Laboratory, Gainesville, FL

4:00 pm  Problematic Aquatic Plants of the MidSouth
John D. Madsen
Mississippi State University, GeoResources Institute, Mississippi State, MS

4:15 pm  Efforts to Control Lyngbya wollei on the Coosa River System in Alabama
Jason C. Carlee
Alabama Power Company, Birmingham, AL

4:30 pm  What’s the Worst that Can Happen? An Applicator’s Guide to Safety
Carlton Layne
Aquatic Ecosystem Restoration Foundation, Marietta, GA

5:00 pm  Adjourn

MSAPMS Annual Business Meeting
5:00 pm - 5:30 pm
Tennessee DE

Wednesday, July 18

Wednesday’s Agenda-at-a-Glance

  6:30 am - 8:00 am  MSAPMS Board of Directors Meeting (Ryman Studio DE)
  7:30 am - 8:00 am  Continental Breakfast (Tennessee AB)
                      Sponsored by BASF Corporation
  7:30 am - 12:00 pm Registration (Tennessee Registration Desk)
  7:30 am - 12:00 pm Speaker Ready Room (Belmont B)
  7:30 am - 12:00 pm Exhibits Open (Tennessee AB)
  7:30 am - 12:00 pm Posters Open (Tennessee AB)
  8:00 am - 12:00 pm Session V: Herbicide Developments, Invasive and Nuisance Plants and Algae (Tennessee DE)
  9:30 am - 10:00 am Refreshment Break (Tennessee AB)
                      Sponsored by BASF Corporation
  12:00 pm - 5:00 pm APMS Board of Directors Meeting (Belmont A)
  12:00 pm - 5:00 pm Exhibits Teardown (Tennessee AB)
  12:00 pm - 5:00 pm Posters Teardown (Tennessee AB)
  1:30 pm - 5:00 pm Aquatic Plant Control Research Program Review - Corps of Engineers Only (Belmont C)

Session V: Herbicide Developments, Invasive and Nuisance Plants and Algae
8:00 am - 12:00 pm
Tennessee DE
Moderator: Ryan Wersal, Mississippi State University, GeoResources Institute, Mississippi State, MS

  8:00 am  Alternative Algae Control in California Rice Fields: Evaluation of Barley Straw
David F. Spencer¹ and Carole A. Lembi²
¹U.S. Department of Agriculture, Exotic and Invasive Weeds Research Unit, Davis, CA
²Purdue University, Department of Botany and Plant Pathology, West Lafayette, IN
8:15 am  Sago Pondweed Response to Soil Applied Imazamox and Imazapyr  
Scott J. Nissen, Joe Vassios, and Galen Brunk  
*Colorado State University, Ft. Collins, CO*

8:30 am  Early Spring Application of Endothall Combined with 2,4-D for Selective Control of Eurasian Watermilfoil and Curly-leaf Pondweed  
John G. Skogerboe1 and Kurt D. Getsinger2  
1U.S. Army Engineer Research and Development Center, Environmental Laboratory, Spring Valley, WI  
2U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

8:45 am  *Eichhornia crassipes* Control with Diquat and Its Effect on Periphytic Community, under Mesocosm Conditions  
Andre T. Martins and Robinson Antonio Pitelli  
UNESP/NEPEAM, Jaboticabal, Sao Paulo, Brazil

9:00 am  Responses of Invasive Strains of *Lyngbya* to Algaecide Exposures  
John H. Rodgers and Brenda M. Johnson  
*Department of Forestry and Natural Resources, Clemson University, Clemson, SC*

9:15 am  Penoxsulam: A New Aquatic Herbicide for Large-scale Aquatic Plant Management  
Tyler Koschnick1, Mark A. Heilman2, and Sarah Miller3  
1SePRO Corporation, Carmel, IN  
2SePRO Corporation, Whitakers, NC

9:30 am  Refreshment Break *(Tennessee AB)*

10:00 am  Evaluation of 2,4-D Ester and Triclopyr against Waterlily and Spatterdock  
LeeAnn M. Glomski1 and Linda S. Nelson2  
1U.S. Army Engineer Research and Development Center, Environmental Laboratory, Lewisville, TX  
2U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, MS

10:15 am  Microsponge Technology for Rainfastness and Weatherability  
Lucy Marshall and Rick Lowe  
*BioSorb, Inc., Saint Charles, MO*

10:45 am  What’s New at the Center for Aquatic and Invasive Plants’ Information Office  
Karen Brown  
1University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL

11:00 am  Effects of the ALS Inhibitors on Algae  
Carole A. Lembi1, Michael D. Netherland2, and Debra D. Lubelski3  
1Purdue University, Department of Botany and Plant Pathology, West Lafayette, IN  
2U.S. Army Engineer Research and Development Center, Environmental Laboratory, Gainesville, FL

11:15 am  Response of Selected Weed Species to Imazamox  
Robert J. Richardson and Andrew P. Gardner  
*North Carolina State University, Raleigh, NC*
11:30 am  APMS Chapter Updates  
Brazil, Florida, MidSouth, Midwest, Nile Basin, Northeast, South Carolina, Texas, Western

12:00 pm  Closing Remarks and Adjourn 47th Annual Meeting  
Donald W. Doggett, Lee County Hyacinth Control District, Fort Myers, FL

NEXT YEAR  
48th Annual Meeting  
July 13-16, 2008  
The Mills House Hotel  
Charleston, SC
47th Annual Meeting of the APMS and 
26th Annual Meeting of the MidSouth APMS 
Registration Form

Delegate/Student Information

Last Name: ___________________________ First Name: ___________________________ M.I: ________
Affiliation: ____________________________________________________________________________
Address: ______________________________________________________________________________
City: __________________ State/Province: __________________ Zip/Postal Code: ________________
Country: __________________ E-mail Address: ____________________________________________
Phone: __________________ Fax: ___________________________________________________________

Registration (Includes Refreshment Breaks, President’s Reception, Poster Reception, and Banquet)

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<th>Registration Type</th>
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<td>Delegate Registration</td>
<td>$ 225.00</td>
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<td>Student Paper Competition Registration</td>
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<tr>
<td>Regular Student Registration (non-competing)</td>
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<tr>
<td>Guest Registration (spouse, partner, child over 12 years-of-age)</td>
<td>$ 100.00</td>
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<td>(also includes the Guest Tour)</td>
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Individual Special Event Tickets for Non-registered Guests

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<th>Event Name</th>
<th>Name(s):</th>
<th>Early</th>
<th>On-site</th>
<th>(by June 14, 2007)</th>
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<tr>
<td>President’s Reception</td>
<td>Name(s):</td>
<td>$ 25.00</td>
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<tr>
<td>Guest Tour</td>
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<tr>
<td>Poster Reception</td>
<td>Name(s):</td>
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<tr>
<td>Banquet</td>
<td>Name(s):</td>
<td>$ 40.00</td>
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Total Registration Amount

$ __________________

Payment Method (Check One)

☐ Check (Make Payable to APMS, Inc.) Credit Card: ☐ Visa ☐ Master Card ☐ American Express

Credit Card Number: ___________________________ Expiration Date: ___________________ 

Name as it Appears on Card: ______________________ Signature of Card Holder: __________

Send Completed Form and Payment to:
The Aquatic Plant Management Society, Inc.
P.O. Box 821265
Vicksburg, MS  39182-1265
Fax: 601-634-2430

Early registration accepted if form and payment received by June 14, 2007.

Registration questions, please phone: 601-634-3722 or e-mail: robert.c.gunkel@erdc.usace.army.mil

Cancellation/Refund Policy
Registration fees are fully refundable prior to June 30, 2007, less a $25.00 processing and handling fee. No refund of any fees will be issued if cancellation of participation is received after June 30, 2007. Notice of cancellation must be received by APMS via mail, fax, or e-mail. Phone cancellations will not be accepted.
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<th>Contact/Go to:</th>
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<td>June 6-9, 2007</td>
<td>4th North American Reservoir Symposium; Atlanta, GA</td>
<td><a href="http://www.sdafs.org/reservoir/symposium">http://www.sdafs.org/reservoir/symposium</a></td>
</tr>
<tr>
<td>June 18-21, 2007</td>
<td>14th European Weed Research Society (EWRS) Symposium; Hamar, Norway</td>
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<tr>
<td>July 4-6, 2007</td>
<td>Change in Aquatic Ecosystems 2007: Natural and Human Influences; Plymouth, UK</td>
<td><a href="http://www.aquaticchange07.org/">http://www.aquaticchange07.org/</a></td>
</tr>
<tr>
<td>August 5-10, 2007</td>
<td>Ecological Society of America/Society of Ecological Restoration (ESA/SER) Joint Meeting; San Jose, CA</td>
<td><a href="http://www.esa.org/san">http://www.esa.org/san</a> jose/</td>
</tr>
<tr>
<td>August 12-18, 2007</td>
<td>30th Congress of the International Association of Theoretical and Applied Limnology; Montreal, QC, Canada</td>
<td><a href="http://www.sil2007.org/">http://www.sil2007.org/</a></td>
</tr>
<tr>
<td>August 15-17, 2007</td>
<td>South Carolina Aquatic Plant Management Society (SCAPMS) Meeting; Springmaid Beach, SC</td>
<td><a href="http://www.scapms.org">http://www.scapms.org</a></td>
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<tr>
<td>September 2-6, 2007</td>
<td>137th Annual Meeting, American Fisheries Society (AFS); San Francisco, CA</td>
<td><a href="http://www.fisheries.org">http://www.fisheries.org</a></td>
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<tr>
<td>September 17-19, 2007</td>
<td>Texas Aquatic Plant Management Society Annual Conference; Burnet, TX</td>
<td><a href="http://www.tapms.org/">http://www.tapms.org/</a></td>
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<td>October 2-4, 2007</td>
<td>31st Annual Training Conference, Florida Aquatic Plant Management Society; St. Petersburg, FL</td>
<td><a href="http://www.fapms.org/meeting.html">http://www.fapms.org/meeting.html</a></td>
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<td>November 4-8, 2007</td>
<td>Estuarine Research Federation Meeting (ERF) 2007; Providence, RI</td>
<td><a href="http://www.erus.org/erf2007/">http://www.erus.org/erf2007/</a></td>
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## 2007 APMS Officers, Directors, Committee Chairs and Special Representatives

<table>
<thead>
<tr>
<th>Office</th>
<th>Name</th>
<th>Telephone</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Don Doggett</td>
<td>(239) 694-2174</td>
<td><a href="mailto:doggett@lchcd.org">doggett@lchcd.org</a></td>
</tr>
<tr>
<td>Immediate Past President</td>
<td>Jeff Schardt</td>
<td>(850) 245-2815</td>
<td><a href="mailto:jeff.schardt@dep.state.fl.us">jeff.schardt@dep.state.fl.us</a></td>
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