

# AQUATIC PLANT NEWS

A Newsletter of The Aquatic Plant Management Society, Inc.  
P.O. Box 821265, Vicksburg, MS 39182-1265  
Chetta Owens, Editor Issue Number 86, October 2007

**Mission:** *"The Aquatic Plant Management Society, Inc., strives to promote environmental stewardship through operations, research, education and outreach related to integrated management of vegetation in aquatic systems"*

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## Message from the President, Jim Petta

### APMS and the Future of Aquatic Plant Management

As we settle into a new year of APMS, it is comforting to know that the membership is actively involved in our society. This society has been the leader in habitat protection and renovation with its beginnings in Florida until the present day. Many of its members work around the world to assist private citizens and governments with invasive, nuisance plants and algae, water management, habitat protection as well as renovation. It's a real pleasure and honor to work amongst such colleagues many of whom I consider close friends. This is not common in a world of competition and efforts to "get ahead"!

We had an excellent meeting this past July in Nashville thanks to the many efforts of the local arrangements committee members, the volunteer "staff" of APMS, and the MidSouth chapter which hosted us. Our meeting began with a panel of experts from various entities with concerns for aquatic habitat management especially protected species and invasive/nuisance interactions and how best to manage problem plants. The panel included the Nature Conservancy, NALMS, Massachusetts DFW, USGS, National Wildlife Refuge, and RISE. Also included was Dr. Jonathan Newman of the Centre for Aquatic Plant Management from the

from the United Kingdom to give us the view from Europe. The stage was set by Dr. Jennifer Vollmer of the National Invasive Species Council and our own APMS representative. The society is thankful to the participants of the panel and their inputs to this important area of concern. During the main conference, we had over 36 posters and 50+ oral presentations from the USA, UK, Brazil, and Australia! To top it all off, the banquet featured guest entertainers from Nashville along with Troy Goldsby. It was a great time of entertainment and visiting with colleagues.

As APMS president, I am fortunate to be able to travel to each regional chapter meeting including both Texas and Florida thus far this year. I consider the chapter annual meetings to be where the most operational aspects of APMS occur whether by government officials or by private applicators and individuals. We had a great time in Texas at the remote location near Burnet, TX and our hosts of TAPMS. A great location on Lake Buchanan at the Canyon of the Eagles! Florida's meeting was held once again in St. Petersburg with the usual large crowd; somewhat lessened by the state budgetary crisis which reduced travel expenses. We see time going by when we hear of "retirement" by Dr. Randall Stocker and Dr. Alison Fox, two of our past presidents. Best wishes to these two significant contributors to our society and society at large! It is comforting to know that they have gone truly aquatic in their next phase of life as ocean cruisers!

Some of my personal objectives for APMS in 2007-08 include the following:

- internationalize the society
- enhance the presence and status of APMS in habitat protection and renovation
- increase educational leadership from an excellent base

So why should we internationalize the society?

Primarily, because there have been no global authorities with regard to aquatic plant and algal management. Agencies such as the US EPA and its European counterpart are working together to streamline herbicide registration and the corresponding regulatory requirements. They need expert inputs to help them understand the needs and problems associated with aquatic plant management. Secondly, the UN and other global organizations need help and expert advice. Finally, APMS is already the leading authority in this area through its many members and governmental associations around the globe. Having a global authority becomes more critical as we realize that the next global crisis will probably involve fresh water, due to population growth, pollution, and rainfall changes. Asia, Latin America, and Africa in particular are in serious trouble but Europe and North America are facing their own unique challenges. Countries such as Egypt, Zaire, and the Congo are dealing with serious floating plant problems directly tied to increased human disease and food problems. Europe remains very contentious with regard to herbicide use, thus effectively removing a significant tool from the options for aquatic plant management. Asia has undergone serious algal problems as the emerging economies deal with almost unregulated growth and expansion with little regard to long term water quality impacts. New Zealand, with its pristine trout streams has seen a serious threat by *Didymosphenia geminata* (Didymo) which has been declared a national security threat under the Biosecurity Act of 1993. In Latin America, Hydrilla, Egeria, and water hyacinth continue to dominate and threaten water supplies. In North America, we continue to see the expansion of Hydrilla, Egeria, and Eurasian watermilfoil despite concerted control efforts. While there have been many successes, APMS needs to remain at the forefront in protecting resources.

The second objective is to enhance the presence and status of APMS. This is done already through the inputs and expertise provided by our membership in states, provinces, and countries around the globe. APMS can provide an excellent forum for various groups to meet and discuss problems and solutions as was demonstrated in our panel discussion in Nashville this year. APMS can and should represent the best of what science has to offer and communicate for balanced management options and plans for bio-control, herbicide, mechanical, cultural, or its integration and implementation. APMS has been an excellent example of how industry, universities, government personnel, and private applicators have worked closely together in the common goal of protecting our water and the environment.

Finally, APMS can continue to be the educational leader in habitat protection and renovation through its efforts including: the scholarship initiatives, support of the “Best Management Practices” produced by the Aquatic Ecosystem Restoration Foundation, and by providing a basis of understanding and trust with stakeholders and the public with regard to aquatic plant management. We need a common language of understanding to carry out our mission in aquatics but to also communicate it properly to the public at large.

Thanks for all the support each and every one of you provide to this society. APMS remains a steward of the environment through the actions and inputs of its membership whether it be operational, educational, or in research.

Our challenge is not in thinking too big, but in thinking too small!

I look forward to seeing as many of you as possible during the coming year.

Jim Petta  
APMS President

## **Twenty-one Students Compete in Paper and Poster Contests**

Twenty-one students (our largest turnout) representing 10 different universities competed in the APMS Student Paper and Poster contest in Nashville, TN. Rebecca Haynie (Clemson University) won first place with her oral presentation on “J. Strom Thurmond Reservoir Avian Vacuolar Myelinopathy (AVM) Epizootic: Field Assessment and Management Plan”. Second place went to Brett W. Bultemeier (University of Florida) for his presentation titled “Response of Three Populations of Cabomba to Different Herbicides and Environmental Variables”, and third place was earned by Ryan Wersal (Mississippi State University) for his presentation titled “Influences of Light Intensity Variations on Growth Characteristics of Parrotfeather (*Myriophyllum aquaticum* (Vell.) Verdc.)”. First place for the Poster contest was tied between three students; Clay Britton’s (Purdue University) poster titled “A Temperate Lake Study of the Cyanobacterium *Cylindrospermopsis raciborskii*”, Ryan Wersal’s (Mississippi State University) poster titled “Comparison of Imazapyr and Imazamox for Control of Parrotfeather (*Myriophyllum aquaticum* (Vell.) Verdc.)” and Amanda West’s (North Carolina State University) poster titled “Alligatorweed Control with Herbicides”.

Other students competing in both oral and poster presentations included: Ross Gilbert (Charles Sturt University, Australia), Joseph Vassios (Colorado State University), Thomas Chiconela, Chris Mudge (University of Florida), Matthew Marshall (Auburn University), Joshua Cheshire, Wilfredo Robles, Heather Theel, Katya Kovalenko (Mississippi State University), Adam Frank, Brad Garner, Rory Roten, Sarah True (North Carolina State University), Nathan Harms (University of North Texas), Trevor Knight (Texas A&M University) and Brenda Johnson (Clemson University).

## **New APMS Student Representative**

Wilfredo Robles, Mississippi State University, is the 2007-2008 student representative to serve on the APMS Board of Directors. The student representative serves a one-year term, without

voting privileges, but will attend and participate in all Board of Directors meetings.

## **Student Representative at the Aquatic Plant Management Society, 2007 Wilfredo Robles**

I graduated from the University of Puerto Rico (UPR) where I obtained a Bachelor degree in Agricultural Sciences and Master in Science focusing on entomology. In 2002, I was hired as research associate at the Agricultural Experimental Station, UPR to work on field experiments testing the use of entomological agents as biological control of aquatic plants. Since 2004, I have been working towards a Ph.D. in Weed Science at Mississippi State University (MSU). The title of my research project is “Population Assessment and Herbicide Injury Detection on Aquatic Plants Using Remote Sensing”. I am a graduate research assistant at the GeoResources Institute, MSU where I have been involved with interdisciplinary projects involving geography, biology, and engineering. As part of this position, I have interacted with students from different research backgrounds. Because of our different areas of expertise, we have created a wide range of tools applicable to aquatic plant management.

Since 2005, I have attended three Aquatic Plant Management Society annual meetings as a student presenter, written articles for the newsletter of the MidSouth Aquatic Plant Management Chapter, and served as a poster judge. I have also participated in the Graduate Student Organization of the Southern Weed Science Society as the MSU student representative. In 2007, I was awarded the Midsouth Aquatic Plant Management Society Student Scholarship. Currently, I have authored and co-authored 5 and 12 referred and non-referred articles respectively.

As a student representative, I would like to achieve two goals of interest. As a short term goal, I would like to serve as a liaison between students and the board of directors of the society. I would provide the board with new ideas and concerns that students may have and keep improving the participation of students in the annual meeting. As a long term goal,

I would like to become more active in helping the society expand to the Caribbean, and bringing new students and researchers working on aquatic plants. I hope to achieve the latter goal once I complete my doctorate work in 2008 and join the faculty of the University of Puerto Rico.

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

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**Applied Aquatic Management, Inc.**  
**Applied Biochemists**  
**AquaMaster**  
**Aquatic Control, Inc.**  
**Aquarius Systems**  
**BASF Corporation**  
**Barebo, Inc.**  
**BASF Corporation**  
**Becker Underwood**  
**BioSonics, Inc.**  
**Brewer International**  
**Clean Lakes, Inc.**  
**Cygnat Enterprises, Inc.**  
**DOW AgroSciences**  
**Phoenix Environmental Care, LLC**  
**ReMetrix, LLC**  
**Syngenta Professional Products, Inc.**  
**UAP Distribution, Inc.**  
**United Phosphorus, Inc.**

## **Historic Charleston, SC Hotel Site of the 48th Annual APMS Meeting**

Mark your calendar, July 13-16, 2008 for the 48<sup>th</sup> Annual Meeting of the Aquatic Plant Management Society. The historic Mills House Hotel (conference site) welcomed its first guest over 150 years ago and retains the southern charm and recent renovations provide modern luxury and convenience. Explore Charleston's historic (and haunting) past complete with museums, forts and plantations or relax on the beach. Interested in ghostly excursions, check out some of the city tours that focus on the no-longer living and their deathly tales!

The Planning Committee (which always needs volunteers) is planning exciting and hauntingly entertaining events for relaxing, visiting, and chatting with friends and colleagues. The Program Committee (also seeking volunteers) pledges a diverse and educational program of oral and poster presentations on aquatic plant research and management. Bring your students!

More information will be coming soon to the APMS website at [www.apms.org](http://www.apms.org) and upcoming newsletters.

## **Northeast Aquatic Plant Management Society announces Scholarship**

The Northeast Aquatic Plant Management Society (NEAPMS) announces the availability of scholarship funds and/or student stipends for college students focusing in the field of aquatic plant management.

Scholarships in the amount of \$5,000 are available to graduate students that are studying some aspect of aquatic plant management or algal management.

Student stipends up to \$5,000 are available for undergraduate students working on a project related to aquatic plant management.

For more information about the funding opportunities, application requirements, and deadlines, please visit the NEAPMS website at [www.neapms.net](http://www.neapms.net), and click on scholarships. Links to summaries of projects that have already received funding are also available at this site.

## **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](mailto:jmditomaso@ucdavis.edu).

## 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.

## **Hydrilla in Wisconsin Tim Asplund, Wisconsin DNR**

**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](mailto: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.

### **Invasive Species PREISM Awards**

USDA Economic Research Service (ERS) has announced the funding of six research projects under its 2007 Program of Research on the Economics of Invasive Species Management (PREISM) competitive awards.

**Summary:** ERS's Program of Research on the Economics of Invasive Species Management funded 6 research projects under its 2007 competitive awards program. Program themes include international dimensions of invasive species prevention and management; development and application of methods to analyze important invasive species issues, policies, and programs; and analysis of economic, institutional, and behavioral factors affecting decisions to prevent or manage invasive species.

**Date Released:** 2007-10-12

**Web site:** More information on the awards funded: <http://www.ers.usda.gov/Briefing/InvasiveSpecies/FY2007PREISMAwards.htm>

**Contact:** Craig Osteen, ERS, 202-694-5547, [costeen@ers.usda.gov](mailto:costeen@ers.usda.gov)

The invasive species *Hydrilla verticillata* was documented for the first time in Wisconsin in summer 2007. The identified population is in a 1.5 acre private pond in Marinette County in the northeastern part of the state. Since the discovery state, federal and county officials have been working together with the landowner to develop a control plan for this invasive plant. (See October 4, 2007 news release:

[http://www.datcp.state.wi.us/press\\_release/result.jsp?prid=2029](http://www.datcp.state.wi.us/press_release/result.jsp?prid=2029)).

Wisconsin's Department of Agriculture, Trade and Consumer Protection (WDATCP) is taking the lead in responding to the incident because the pond is registered with that agency as a Type 1 fish farm, and thus exempt from aquatic plant management provisions that apply to public waters.

In late August an aquatic herbicide, Aquathol® K, was applied to the pond. This treatment will be followed by a late fall drawdown of the pond to expose tubers and remaining plants to winter freezing. Additional steps will be taken in 2008 as needed and as agreed upon by all parties.

Officials suspect that source of the hydrilla, which has been present in the pond since 2005, was a shipment of aquatic plants from out of state. WDATCP staff is currently reviewing plant nursery records to identify the source of the hydrilla and track whether other orders from that source came into Wisconsin.

At this time the hydrilla population is believed to be an isolated incident. The pond is not connected to any natural water bodies, but staff from the Wisconsin Department of Natural Resources (WDNR) and Marinette County are monitoring surrounding natural and artificial ponds and lakes for hydrilla to ensure that it has not spread.

Questions about hydrilla in Wisconsin can be directed to Carroll Schaal, WDNR Lakes Team leader (608-261-6423 or email [carroll.schaal@wisconsin.gov](mailto:carroll.schaal@wisconsin.gov)) or Tim Asplund, WDNR limnologist (608-267-7602 or email [tim.asplund@wisconsin.gov](mailto:tim.asplund@wisconsin.gov)).

## Welcome New Members

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

Karl Taylor, Opelousas, LA  
Joseph H. Burgess, Fort Myers, FL  
Mike Ellis, Fort Myers, FL  
Wayne Gale, Fort Myers, FL  
Thomas B. Hart, Fort Myers, FL  
George T. Mann, Fort Myers, FL  
Lawrence J. Murphy, Fort Myers, FL  
Richard H. Pritchett, III, Fort Myers, FL  
Bruce Scott, Fort Myers, FL  
Dan Steltz, Greensboro, NC  
Alan Peoples, Harrisburg, NC  
John Davis, Hendersonville, TN  
Gail Bolin, Sagle, ID

## Student Wanted for Research Project On Aquatic Vegetation in Oregon Lakes



The Center for Lakes and Reservoirs at Portland State University has two years of potential support for a student to conduct research on aquatic vegetation in Oregon lakes. The project will involve mapping submersed aquatic plants and developing a habitat quality index based on the community composition.

Funding for this project is pending approval by the Oregon Department of Fish and Wildlife. If funded, the project would start this fall or winter.

The Center for Lakes and Reservoirs (CLR) is part of the Environmental Science and Resources Program (ESR) at PSU. The CLR conducts research and provides technical assistance on lake management. Invasive species research is a major focus of the CLR. We are responsible for implementation of the Oregon Aquatic Invasive Species Management Plan and have developed the Aquatic Bioinvasion Research and Policy Institute in cooperation with the Smithsonian Environmental

Research Center (SERC) to broaden our expertise in marine systems, provide opportunities for comparative studies of east and west coast ecosystems, and allow student access to SERC facilities on Chesapeake Bay and San Francisco Bay.

Our group currently has 9 masters and PhD students, 1 post doc, and 7 technicians working on a variety of projects ranging from the biology and management of *Egeria densa*, curly leaf pondweed, and spartina to green crab eradication and quagga mussel detection in the western USA. Visit our web site for additional information: [www.clr.pdx.edu](http://www.clr.pdx.edu)

Masters and PhD degrees are offered by ESR. Admission requirements and other information relating graduate study at PSU can be found at [www.esr.pdx.edu](http://www.esr.pdx.edu)

Contact Mark Sytsma for further information  
503 725 3833 • [sytsmam@pdx.edu](mailto:sytsmam@pdx.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](http://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](mailto:dpetty@ndrsite.com).

## **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 website at [www.apms.org](http://www.apms.org).

## **Research Assistant Professor Plankton Ecology/Physiology**

The Belle W. Barach Institute for Marine and Coastal Sciences at the University of South Carolina and the SC Department of Natural Resources invite applications for a 12-month joint appointment as a non-tenure track research assistant professor. A Ph.D in environmental science, marine science or biological science is required. The successful applicant will conduct research in the fields of marine and estuarine phytoplankton biology, with emphasis on harmful algal blooms and will establish a successful externally-funded research program. Applications should be submitted by November 1, 2007. More information is available at <https://uscjobs.sc.edu>

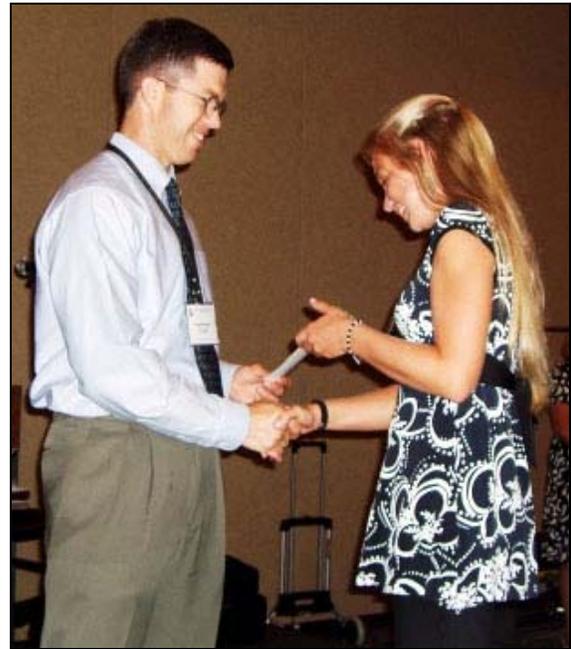
## **ACKNOWLEDGEMENTS**

Special thanks to LeeAnn Glomski and Julie Nachtrieb for review, assistance and guidance on this newsletter!

# 47<sup>th</sup> Annual Meeting in Nashville, Tennessee



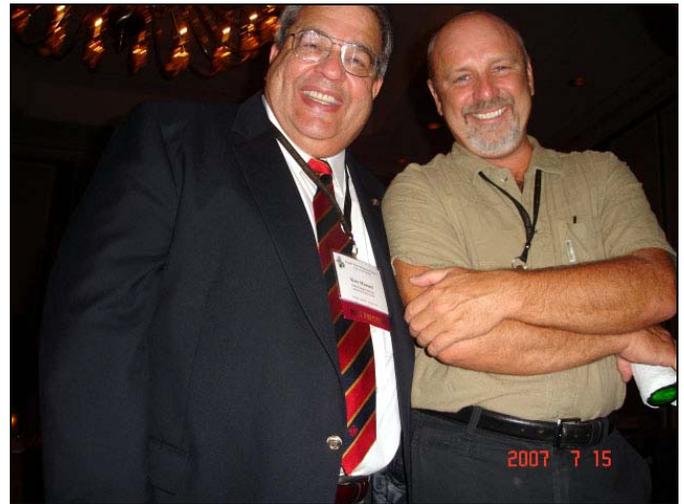
Gaylord Opryland Resort, Nashville, TN



Amanda West (top right) and Clay Britton (bottom right) share 1<sup>st</sup> place (3-way tie) in student poster contest with awards presented by Mark Heilman



Linda Nelson and Judy Shearer (winners the last 3 years out of 4) for the Professional Poster Award (top left)  
John Madsen and Ryan Wersal (Mississippi State University) receive the AERF Scholarship award from Carlton Layne (bottom left)



Don Doggett and family (top left)

Don Doggett receiving outgoing President Award from Jim Petta (current President) (middle left)

Don Doggett presenting Dean F. Martin the Honorary Award for service (bottom right)

Ken Manual and Jeff Schardt looking quite happy (top right)

Robert Blackburn, Bill Haller and Steve Weinsier, smiling and having fun. (middle right)

Jim Schmidt, Betty Schmidt and Robert Blackburn enjoying the evening (bottom right)



## NATIONAL INVASIVE WEED AWARENESS WEEK

- WHAT:** Ninth Annual National Invasive Weeds Awareness Week  
**WHEN:** February 24 - 29, 2008  
**WHERE:** Washington, D.C.  
**WHO:** Organizations and Individuals who Support Invasive Weed Management and Ecosystem Restoration

The Ninth Annual National Invasive Weeds Awareness Week (NIWAW 9) will be held in Washington, D.C. the week of **February 24 to February 29, 2008** to bring people and groups from across the country together to focus national attention on the severe impacts caused by invasive weeds. Individuals and organizations interested in this issue are invited to participate in this event and help build on the success of NIWAW activities in previous years. NIWAW 9 events are designed to focus on the important roles the Federal government must play to help the U.S. deal with invasive weed problems. We have also designed the schedule to provide ample time for attendees to meet with their Congressional delegations, individual federal agencies and each other.

### NIWAW 9 Event Highlights

- Standing exhibits at the United States Botanic Garden Conservatory
- Sunday Kid's Fun Day Activities at the United States Botanic Garden Conservatory
- Sunday evening Mixer at the Hotel
- Monday morning breakfast and kickoff session on current national invasive weed issues.
- Tuesday evening reception at the United States Botanic Garden Conservatory for participants and our Washington allies to socialize in a pleasant and relaxed setting
- Tuesday afternoon briefing by the Corps of Engineers
- Tuesday and Wednesday briefings with the U.S. Departments of Agriculture and the Interior.
- Wednesday afternoon NGO Partnership Building Roundtable
- Thursday morning special meeting of FICMNEW (Federal Interagency Committee for the Management of Noxious and Exotic Weeds)
- Thursday afternoon briefing by the Environmental Protection Agency
- Special meetings with Federal Agencies on Tuesday, Wednesday, and Thursday

*NIWAW 9 is organized by the [Invasive Weeds Awareness Coalition](#), a Washington D.C.-based coalition dedicated to increasing awareness of invasive weed problems and the associated research and management needs. Although some events during the week are open to the public, access to the full array of activities will require payment of a modest registration fee.*

**For More Details Please Visit The [NIWAW 9 Website](http://www.nawma.org/niwaw/niwaw_index.htm)**  
**[http://www.nawma.org/niwaw/niwaw\\_index.htm](http://www.nawma.org/niwaw/niwaw_index.htm)**

**Four Points by Sheraton Hotel**  
1201 K Street NW, Washington, DC is the Headquarters Hotel for NIWAW 9

**For additional information on NIWAW 9 contact:**  
Dr. Nelroy Jackson (951-279-7787) or [nelroyjackson@sbcglobal.net](mailto:nelroyjackson@sbcglobal.net)

**NIWAW 9 Registration Deadline: FEBRUARY 1, 2008**  
**“NIWAW Block” Hotel Reservations (202-289-7600) Deadline: JANUARY 24, 2008**

**FIRST CALL FOR PAPERS**  
**THE AQUATIC PLANT MANAGEMENT SOCIETY**

48<sup>th</sup> ANNUAL MEETING  
CHARLESTON, SOUTH CAROLINA – JULY 13-16, 2008

You are invited to submit a title and abstract for the 48<sup>th</sup> Annual Meeting of the Aquatic Plant Management Society to be held July 13 – 16, 2008 at the Mills House Hotel in Charleston, South Carolina. Presentations on all aspects of aquatic plant management, biology and ecology will be considered. Oral presentations are allotted a total of **15 minutes**. A special poster session is also scheduled.

An LCD projector/computer, projection screen, and a laser pointer will be available for oral presentations. **Only PC-based PowerPoint presentations will be accepted.** You will not be allowed to set up a personal computer to run your presentation. Free-standing display boards (4' by 4') will be provided for velcro-backed posters.

Please type the title, author(s), organization(s) and address on the form below exactly as you wish them to appear in the program. Submit this sheet along with an attached abstract of up to 350 words. Abstracts will be printed and provided to meeting participants.

**The Submission Deadline for Title and Abstract is Friday April 18, 2008**

Presentation Format: Oral Presentation  or Poster  (Please check one)

Student Paper Competition: Yes  No  (Please check one)

Title of Paper/Poster: \_\_\_\_\_

\_\_\_\_\_

1st Author: Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Postal Code, Country: \_\_\_\_\_

2nd Author: Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Postal Code, Country: \_\_\_\_\_

3rd Author: Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Postal Code, Country: \_\_\_\_\_

**Presenter Contact Information:**

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Submit Completed Form & Abstract To:**

Carlton Layne, APMS Program Chair

3272 Sherman Ridge Dr.

Marietta, GA 30064

E-mail: layn1111@bellsouth.net

Phone: 678-773-1364 Fax: 770-499-0158

**NOTE:** You will be required to submit a CD or flash drive with your final PowerPoint presentation upon registration. All presentations that include externally run programs, models, or special animation must be reviewed and approved by the Program Chair **1 week** before the meeting. No Exceptions!

~ CALENDAR OF EVENTS ~

<b>Date:</b>	<b>Event:</b>	<b>Contact/Go to:</b>
<b>October 24-26, 2007</b>	Tamarisk 2007 Symposium, Grand Junction, CO	970 244 1834 for more information
<b>October 29-November 3, 2007</b>	International Symposium of the North American Lake Management Society (NALMS); Orlando, FL	<a href="http://www.nalms.org/">http://www.nalms.org/</a>
<b>November 4-8, 2007</b>	Estuarine Research Federation Meeting (ERF) 2007; Providence, RI	<a href="http://www.erf.org/erf2007/">http://www.erf.org/erf2007/</a>
<b>November 7-8, 2007</b>	Confronting the Cogongrass Crisis Across the South, Mobile, AL	<a href="http://aces.edu/forestry/">http://aces.edu/forestry/</a> or <a href="http://www.srs.fs.usda.gov">www.srs.fs.usda.gov</a> Follow the links
<b>November 14-16, 2007</b>	Texas Invasive Plant Conference, Lady Bird Johnson Wildflower Center, Austin, TX	<a href="http://www.texasinvasives.org">www.texasinvasives.org</a>
<b>January 14-16, 2008</b>	Northeast APMS Conference, Grand Summit resort at Mount Snow West Dover, VT	<a href="http://www.neapms.net">www.neapms.net</a>
<b>February 4-7, 2008</b>	48 <sup>th</sup> Annual Meeting of the Weed Science Society of America (WSSA)	<a href="http://www.wssa.net">www.wssa.net</a>
<b>February 24-29, 2008</b>	National Invasive Weed Awareness Week (NIWAW), Washington, DC	<a href="http://www.nawma.org/niwaw/niwaw">http://www.nawma.org/niwaw/niwaw</a>
<b>March 1-3, 2008</b>	Midwest Aquatic Plant Management Society, Kalahari Resort, Sandusky, OH	<a href="http://www.mapms.org">www.mapms.org</a>
<b>March 3-6, 2008</b>	Western Aquatic Plant Management Society, Granlibakken Conference Center and Lodge, Lake Tahoe, CA	<a href="http://www.wapms.org">www.wapms.org</a>
<b>June 23-27, 2008</b>	5th International Weed Congress, Vancouver, Canada	<a href="http://iws.ucdavis.edu/5intlweedcong.htm">http://iws.ucdavis.edu/5intlweedcong.htm</a>

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