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# AQUATIC PLANT NEWS

A Newsletter of The Aquatic Plant Management Society, Inc., Issue No. 81, March 2006  
Linda Nelson, Newsletter Editor, P.O. Box 821265, Vicksburg, MS 39182-1265

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## Portland, Oregon - 46<sup>th</sup> Annual Meeting

The 46<sup>th</sup> Annual Meeting of the Aquatic Plant Management Society will be held July 16-19, 2006 at the Portland Marriott Downtown Waterfront Hotel in Portland, Oregon. Portland was voted one of America's "Best Walking Towns" by *Walking Magazine*, and the Marriott has convenient access to a variety of restaurants, coffeehouses, Tom McCall Waterfront Park, and the Eastbank Esplanade along the Willamette River. All downtown public transportation is free so save cab fare and enjoy the ride in a streetcar, light rail train, or bus. In July, Portland's average high temperature is 80°F (27°C) with clear skies for stunning views of Mount Hood and Mount St. Helens. In less than two hours drive you can walk portions of the Pacific Crest Trail, stroll along the rugged beaches of Oregon's Pacific coastline, or visit the Johnston Ridge Observatory at Mount St. Helens. For more information see <http://www.travelportland.com/>.

The Program Committee is preparing an exemplary meeting certain to peak the interest of all delegates. The technical program will begin Monday morning and end at noon on Wednesday, with a poster session on Monday evening. The program promises to be diverse and interesting with excellent oral and poster presentations on research and management activities. A special session on pesticide use and NPDES issues is planned. In addition, useful information on available aquatic plant management products and professional

services will be provided throughout the meeting in our industry exhibits hall.

The Meeting Planning Committee is busy arranging a number of exciting special events for all attendees to enjoy. Our meeting will kick off with the President's Reception on Sunday evening. As the official welcoming event of the meeting, this reception is an excellent time to reacquaint with old friends, meet new friends, and just relax and enjoy great food and beverage. The Monday evening Poster Session and Reception presents a great opportunity to examine posters and exhibits while enjoying great food and beverage. The APMS Banquet on Tuesday evening will be another memorable event where we will recognize those who have served and contributed to our Society, welcome new officers and directors, and present student paper and other awards. These special events are free to all registered delegates, students, and guests. Non-registered guests may purchase individual tickets for these events at the registration desk.

To make your hotel reservation, call the Portland Marriott Downtown Waterfront directly at 503-226-7600 or 800-228-9290. You must make your reservation on or before **June 23, 2006**, and be sure to mention the Aquatic Plant Management Society. Our special APMS guest room rate is \$119.00 for single, double, triple, or quadruple occupancy per night plus applicable tax, currently 12.5%. All reservations must be guaranteed with a major credit card. Cancellation of reservation must be made by 6:00 p.m. on the day of

## 46<sup>th</sup> Annual Meeting Continued

arrival. Check-in time is 4:00 p.m. and check-out time is 12:00 p.m. Room rates are good for 2 days before and after the meeting, based on availability. Overnight valet parking is \$23.00/day and self-parking is available on-site with prices ranging from \$12.00 to \$17.00/day, with in and out privileges.

The meeting registration fees are \$200.00 for a delegate and \$75.00 for a guest (spouse, partner, child over 12 years of age) if received by June 23, 2006. After this date, registration fees at the door will be \$250.00 for a delegate and \$100.00 for a guest. The meeting registration fee for a student 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 23, 2006. This will be an extraordinary meeting, so plan to come and bring the family!

### Check the APMS Web Page for Up-to-Date Meeting Information

[www.apms.org](http://www.apms.org)

- Registration Information/Form
- Hotel Information
- Call for Papers Instructions
- Meeting Agenda
- Student Paper & Poster Contest Information
- Exhibitor Information
- Special Events
- Poster Session

## Aquatic Plant Management Society Announces Annual Student Paper Contests for Upcoming Meeting in Portland, Oregon

The Aquatic Plant Management Society is soliciting student papers for the 46<sup>th</sup> Annual Meeting to be held July 16-19, 2006, at the Portland Marriott Downtown Waterfront Hotel in Portland, Oregon. Oral and poster presentations of original research on the biology or ecology of aquatic and wetland plants, control methods (biological, chemical, cultural, mechanical) for invasive exotic or nuisance native plant species, and restoration projects involving wetland or aquatic plants are solicited.

The Society encourages students that have conducted original research to present their findings and gain a valuable perspective on aquatic plant problems and various management applications throughout the U.S. The meeting locale in Portland provides an excellent opportunity for students from the Pacific Northwest in particular to attend and present research on aquatic plant management in this region.

The APMS has a strong ethic of student support and all qualified attendees will be provided room accommodations (based on double occupancy) and waiver of registration fees. In addition, 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place prize money will be awarded in separate contests for both oral and poster presentations. This meeting presents an opportunity for students to develop their presentation skills, learn about the field of aquatic plant management, and meet with key Government, University, Industry representatives and peers with similar educational and professional interests.

Please log on to [www.apms.org](http://www.apms.org) to learn more about the Aquatic Plant Management Society and this year's meeting. Students may register for the contest by submitting an abstract as per the web site instructions. For more information about the contest, contact:

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

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Carmel, Indiana

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Greensboro, North Carolina

**UAP Timberland**  
Lancaster, Pennsylvania

### **APMS Members Honored at WSSA Meeting in New York**

Two members of the Aquatic Plant Management Society received high honors at the Annual Meeting of the Weed Science Society of America (WSSA) held February 13-16 in New York City.

Dr. Tyler Koschnick, University of Florida, received the Outstanding Graduate Student Award and Dr. Robinson Pitelli, retired professor, Universidade Estadual Paulista, Sao Paulo, Brazil, was awarded WSSA Honorary Member.

Congratulations to both Tyler and Robinson for their achievements.

### **Revised Indiana Aquatic Pest Control Manual Now Available**

A major revision of the Indiana Aquatic Pest Control Manual is now available from the Agricultural Communications Media Distribution Center, West Lafayette, IN. The price is \$32 + tax and can be ordered by calling 1-888-398-4636.

This manual serves as the study guide for persons wishing to be certified in Category 5, which is the aquatic pesticide applicator category. The revision includes information on invasive species, new products, and an expansion of the section on non-target and environmental considerations. It also includes photographs of problem algal species taken with the microscope.

# The Washington Report

## March, 2006

Lee Van Wychen, Director of Science Policy

Since my last report in December, I have logged in over 8000 miles and spent over 10 solid days in board meetings at the regional and national weed science meetings. It has been an immense pleasure getting to rekindle old relationships and establish new ones in each of the weed science societies. The weed science societies have much to be proud of both individually and collectively. There are also opportunities and challenges for each of the societies.

### Weed Science Research Funding

The President released his FY07 federal budget on February 6, 2006. The proposed budget for USDA has several significant changes that could impact weed science and will depend on the actions Congress takes during this year's appropriation cycle. The FY07 USDA Cooperative State Research, Education, and Extension Service (CSREES) budget for the National Research Initiative (NRI) competitive grants program is \$247 million, a \$66 million increase over FY06. Of this \$66 million increase, \$42.3 million is from Section 406 activities that will be transferred dollar for dollar and Program Leader for Program Leader to the NRI. Section 406 Programs include the Regional Pest Management Centers, Crops at Risk from the Food Quality Protection Act (FQPA) Implementation; FQPA Risk Mitigation Program for Major Food Crop Systems; and the Methyl Bromide Transition Program.

The USDA CSREES budget for NRI includes:

- 1) increasing the amount of the grant that may be used for competitive integrated activities from 22 to 30 percent;
- 2) eliminating the cap on indirect costs for competitively awarded grants; and
- 3) an increase of \$3 million for the Biology of Weedy and Invasive Species grant program.

A new USDA program for invasive species is proposed that includes \$10 million for competitive grants to private groups for eradication and control of invasive species through the use of new and

innovative methodologies. Unfortunately though, no FY07 funds were allocated for the 2004 Noxious Weed Control and Eradication Act.

### Hatch Act and McIntire-Stennis Act Proposed Changes

USDA CSREES FY07 budget proposes an alternative approach to the ag formula funds that would redirect a portion of the Hatch Act and the McIntire-Stennis programs to nationally, competitively awarded multi-state/-institution projects. This is a critical distinction from the FY06 budget proposal, which proposed a 50% cut in formula funds. The FY07 budget maintains nearly level funding for the Hatch and McIntire-Stennis Acts sustaining a substantial state formula base for the programs while emphasizing multi-institutional efforts to address issues of mutual importance to states and the nation.

The **Hatch Act** formula provides for each state to receive what it received in 1955 as a base amount. Sums appropriated in excess of the 1955 level are distributed as follows: 20% is allotted equally to each state; 52% is allocated on the basis of a state's share of US rural and farm populations; a maximum of 25% is allocated to multi-state/-institution research projects; and 3% is reserved for administration. The FY07 USDA CSREES proposal would increase the Hatch Act multi-state/-institution share to about 55%, phased in over a four-year period as current multi-state projects are completed. The remaining funds would be allocated on the state formula base, phasing down over time to about 45% of the appropriation.

The **McIntire-Stennis Act of 1962** makes funding available to the state agricultural experiment stations and to forestry schools and programs at the land grant colleges of agriculture for forestry research. McIntire-Stennis funds are distributed by a formula that allocates \$10,000 to each state with 40% of the remainder being distributed according to a state's share of the nation's total commercial forest land, 40% according to the value of its timber cut annually, and 20% according to its state appropriation for forestry research. In the case of the McIntire-Stennis program for FY07, in which there is no current multi-state/-institution program, there would be no phase-in period. However,

slightly more than 40% of the appropriation would continue to be allocated on the basis of the state formula base.

The WSSA is not in favor of the reallocation of formula funds within Hatch and McIntire-Stennis Acts. The WSSA has always been a strong supporter of USDA formula funds given the amount of applied extension work that is done by our members. On the other hand, there has been a slow but constant push towards more competitive funding, the argument being that it results in more accountability and better research. In the academic food chain, the higher up someone is in administration, the more likely there is the push for competitive funding. If a university gets \$4 million in formula funds, they have to match it at the state level. If they get \$4 million in competitive funds, they get to keep half or more. However, the WSSA believes that the more applied a scientist (including those in Extension), the more the need for formula funding. The WSSA will remain determined and vigilant as the President's FY07 budget moves through Congress.

#### **New USDA Under Secretary for Research, Education and Economics**

Gale A. Buchanan has been nominated by President Bush to serve as USDA Under Secretary for Research, Education and Economics. His Senate confirmation hearing is expected sometime before May 2006. Dr. Buchanan is Dean and Director Emeritus at the College of Agriculture and Environmental Sciences at the University of Georgia. Earlier in his career, he served as Associate Director for the Georgia Agricultural Experiment Station, Resident Director of the Coastal Plain Experiment Station, and President of the Southern Weed Sciences Society. Dr. Buchanan served as Colonel in the Alabama Army National Guard for over 25 years. He received his Bachelor's and Master's degrees from the University of Florida and his Ph.D. from Iowa State University. The WSSA applauds Dr. Buchanan's nomination and looks forward to working with him upon his Senate confirmation.

#### **The WSSA and EPA**

The WSSA and the EPA have been working to increase their interaction on a number of weed

science issues. This can be a very symbiotic relationship for both the WSSA and EPA. Many thanks go out to WSSA members John Jachetta and Don Stubbs for their work in initiating this endeavor. Four main themes that have emerged from our meetings together are: 1) Capitalize on EPA's need for rangeland and rights-of-way management information by inviting WSSA members with expertise in these areas to come to Washington DC to present seminars on these topics; 2) Develop a program for EPA field visits to a host member's institution; 3) Develop WSSA expert panels on herbicide families for re-registration; and 4) Develop an EPA Fellowship where WSSA members could work on EPA's staff for at least 6 months at a time.

The WSSA would like to thank Dr. George Beck, Colorado State University for taking the time during the 7<sup>th</sup> National Invasive Weed Awareness Week to organize and present a seminar at EPA entitled "Invasive Weeds: Thieves that Require an Ecologically-based Battle Plan." Nearly 30 EPA staff attended this hour-long seminar that addressed a variety of rangeland weed management issues such as spray-drift buffers and endangered species.

#### **The 2007 Farm Bill**

The Coalition for Funding Agricultural Research Missions (CoFARM) submitted comments to USDA Secretary Johanns in December which included: 1) Re-authorizing the National Research Initiative (NRI) at \$500 million a year; 2) Eliminating USDA's NRI indirect cost ceiling; 3) maintaining a maximum 5-year duration for competitive grants; 4) Re-authorizing the Initiative for Future Agriculture & Food Safety (IFAFS) at \$200 million; and 5) Provide the Secretary of Agriculture with the ability to apply up to 30% of funding to conduct integrated research, education and extension within the NRI. The term "integrated" within USDA means that a project has to contain a "research, education, and extension" component.

World Trade Organization (WTO) issues will continue to impact the Farm Bill commodity support programs. A question that is being asked in Washington DC is: If Farm Bill commodity support programs are reduced, can non-trade distorting

(Green Box) programs such as agricultural research step up to help provide America's farmers and ranchers with the tools necessary to ensure their success and profitability? Weed science research, education, and extension needs a unified voice and effort to promote our benefits.

### **Federal Government Job Series for Weed Science**

The Office of Personal Management (OPM), the federal government's human resources agency, has been slow to respond to the WSSA's request for implementing a Federal Job series for weed science. The WSSA would like to thank the considerable effort from Rob Hedberg, Hilda Diaz-Soltero, Ernest Delfosse, and Doug Holy who helped draft a complete weed science job series outline. OPM staff familiar with the proposal have moved on to other jobs, it will take a new effort by the WSSA and OPM to successfully implement this job series.

### **NIWAW 7 a Huge Success**

We have just completed another successful National Invasive Weed Awareness Week. Over 175 people from nearly 40 states and one Canadian province traveled to Washington DC to increase the national awareness of invasive weeds and weed science in general. The National and Regional Weed Science Societies need to continue to support and build upon this important effort for our discipline. NIWAW 7 participants visited about 100 Congressional offices during the week where they educated Congressional members and staff on two official NIWAW positions: 1) Working to secure \$15 million in funding for the 2004 Noxious Weed Control and Eradication Act; and 2) Working to secure passage of the National Aquatic Invasive Species Act.

The WSSA wishes to thank Dr. Nelroy Jackson for his work as Chairman of the Invasive Weed Awareness Coalition, which organized and conducted NIWAW 7. Other main events during NIWAW 7 included Kid's Fun Day at the U.S. Botanic Gardens which was attended by over 800 people, briefings by the USDA, Dept. of Interior, EPA, U.S. Army Corps of Engineers, and National Invasive Species Council (NISC), and numerous other board meetings for non-governmental organizations concerned with the management of noxious and invasive weeds.

### **WSSA Submits Comments to BLM EIS**

In January and February, many weed scientists and weed science societies, along with the WSSA submitted comments to the Bureau of Land Management (BLM) regarding their Draft Environmental Impact Statement (EIS) that addresses vegetation treatment on BLM lands. There was an organized effort by certain groups to submit a disproportionate share of comments on the EIS that would prevent the use of herbicides on BLM lands in the future. The WSSA supports the use of all weed management tools, whether chemical, cultural, or biological.

### **EPA to Provide Financial Support for Conferences, Workshops and/or Meetings**

In January, EPA announced it will provide financial support for conferences, workshops, and/or meetings on EPA mission-related issues which include: 1) protecting human health and safeguarding the natural environment; 2) advancing the scientific and technical research that promotes environmental protection; 3) exploring current and emerging issues of importance to environmental protection; and/or 4) encouraging collaboration among the nation's best scientists and engineers in academia, business and nonprofit research institutes.

EPA expects \$750,000 will be available in grant funds through 25 awards. Applications for grant funding will be due and approved on a quarterly basis through January 18, 2007. Eligible applicants include city, county, and state governments, public and private institutions of higher education and certain nonprofit organizations. Details are posted at [http://www.epa.gov/ord/grants\\_funding/pdfs/BAA\\_conferences\\_011806.pdf](http://www.epa.gov/ord/grants_funding/pdfs/BAA_conferences_011806.pdf). The EPA Contact for this program is: Michael Bender at 202-564-6829; [Bender.Michael@EPA.gov](mailto:Bender.Michael@EPA.gov)

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## **Aquatic Weed Control Short Course**

**May 1-5, 2006**

**Coral Springs Marriott Hotel  
Golf Club & Convention Center  
Coral Springs, Florida**

The University of Florida Institute of Food and Agricultural Sciences (IFAS) announces that the Aquatic Weed Control Short Course is scheduled for May 1-5, 2006, at the Coral Springs Marriott Hotel on Heron Bay Blvd. The course will feature specialized training and presentations on: Plant Identification, Pesticide Application Equipment Calibration, Pesticide Label Interpretation, Pesticide Safety, Personal Protection, Pesticide Handling and Container Disposal Techniques, Aquatic and Natural Area Weed Management Techniques, New Herbicide Updates, Biological Control, Aquatic Plant Biology, and much, much more.

Continuing Education Units (CEU's) can be earned in Aquatic, Right-of-Way, General Standards (CORE), Aerial, Ornamental and Turf and Natural Area categories toward renewal of Commercial, Public and/or Private Pesticide Applicator licenses. For additional Short Course Program information, contact:

Cody Gray  
Short Course Organizer  
Phone: (954) 577-6300  
Fax: (954) 475-4125  
E-mail: [cjg41@ufl.edu](mailto:cjg41@ufl.edu)

For registration information, contact:

Tracy Nininger  
Short Course Coordinator  
Phone: (352) 392-5930  
Fax: (352) 392-9734  
E-mail: [tnn@ufl.edu](mailto:tnn@ufl.edu)

<http://conference.ifas.ufl.edu/aw/>

## **APMS Welcomes Several New Members**

The Aquatic Plant Management Society is pleased to welcome the following new members since October, 2005.

Vanelle Carrithers, Mulino, OR  
Lynn Rushing, Lexington, KY  
Chris McGill, Philadelphia, PA  
Keith Gray, Gurnee, IL  
K. Jayne Walz, King of Prussia, PA  
Terry Comerford, Lake Hopatcong, NJ  
Megan Fairchild Anderson, Minneapolis, MN  
Kevin Dahm, Algonquin, IL  
Chris Beaty, Palm Desert, CA  
Joe Bryant, Hilton Head, SC  
Chris Horton, Lake Buena Vista, FL  
Lucie Chambers, Glastonbury, CT  
Johnny Sisneros, San Clemente, CA

### *Have you checked the APMS Member Directory lately?*

We need your help to update mailing  
and E-mail addresses and phone numbers.

Go to [www.apms.org](http://www.apms.org)  
Click on "Member Directory"  
Username: apms  
Password: duckweed

Please check your personal data  
and send any changes to Dave Petty  
E-mail: [dpetty@ndrsite.com](mailto:dpetty@ndrsite.com)

### **Think June Newsletter Deadline for Submissions May 19, 2006**

Send Newsletter Materials to Linda Nelson  
Phone: (601) 634-2656  
Fax: (601) 634-2617  
E-mail: [Linda.S.Nelson@erdc.usace.army.mil](mailto:Linda.S.Nelson@erdc.usace.army.mil)

## ~ CALENDAR OF EVENTS ~

Date:	Event:	Contact/Go to:
March 27-29, 2006	25 <sup>th</sup> Annual Western Aquatic Plant Management Society Meeting, San Diego, CA	Ross O'Connell, Program Chair E-mail: <a href="mailto:roconnel@cdfa.ca.gov">roconnel@cdfa.ca.gov</a> Phone: (916) 654-0768
April 4-6, 2006	5 <sup>th</sup> National Integrated Pest Management Symposium, St. Louis, MO	<a href="http://www.ipmcenters.org/ipmsymposiumv/">http://www.ipmcenters.org/ipmsymposiumv/</a>
May 1-5, 2006	Aquatic Weed Control Short Course Coral Springs, FL	<a href="http://conference.ifas.ufl.edu/aw/">http://conference.ifas.ufl.edu/aw/</a>
May 14-19, 2006	14 <sup>th</sup> International Conference on Aquatic Invasive Species, Key Biscayne, FL	<a href="http://www.icaais.org/">http://www.icaais.org/</a>
June 4-9, 2006	2006 American Society of Limnology and Oceanography, Victoria, BC	<a href="http://www.aslo.org/forms/victoria2006.html">http://www.aslo.org/forms/victoria2006.html</a>
June 5-8, 2006	Florida Lake Management Society (FLMS) Annual Conference, St. Augustine, FL	<a href="http://www.flms.net">http://www.flms.net</a>
July 9-14, 2006	27 <sup>th</sup> Annual International Conference, Society of Wetland Scientists, Cairns, Australia	<a href="http://www.sws.org/regional/australia/Cairns%202006%20add%20.htm">http://www.sws.org/regional/australia/Cairns%202006%20add%20.htm</a>
July 16-19, 2006	46 <sup>th</sup> Annual Aquatic Plant Management Society Meeting, Portland, OR	<a href="http://www.apms.org">http://www.apms.org</a>
August 16-18, 2006	South Carolina Aquatic Plant Management Society, Springmaid Beach, SC	<a href="http://www.scapms.org/">http://www.scapms.org/</a>
October 30- November 2, 2006	Florida Aquatic Plant Management Society, St. Petersburg, FL	<a href="http://www.fapms.org">http://www.fapms.org</a>
November 8-10, 2006	NALMS 2006 International Symposium Indianapolis, IN	<a href="http://www.nalms.org">http://www.nalms.org</a>

### 2006 Natural History Science Seminar Series

The Humboldt Field Research Institute and the Eagle Hill Foundation have announced their seminar series for 2006. Seminar topics range from watershed level subjects, and subjects in classical ecology, to highly specialized seminars in advanced biology, taxonomy and ecological restoration. A sample list of seminars includes:

July 2-8: Sedges, Rushes and Grasses: Advanced Taxonomy and Ecology of Wetland and Upland Species. Dr. Anton Reznicek.

Sept 3-9: Submersed and Floating Aquatic Flowering Plants: Taxonomy, Ecology, and Management. Dr. C. Barre Hellquist.

July 30-August 5: Salt Marsh Restoration and Assessment. Drs. David Burdick and Susan Adamowicz.

August 13-19: Wetland Identification and Delineation. Robert Lichvar and Russell Pringle

For a complete listing of seminars, cost, and registration procedures, visit the following website: <http://www.eaglehill.us>



## 2006 APMS Officers, Directors, Committee Chairs and Special Representatives

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	John Rodgers, Jr.	(864) 656-0492	jrodger@clemson.edu

### Special Representatives

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W.S.S.A. Representative	Greg MacDonald	(352) 392-1811	gemac@ifas.ufl.edu
R.I.S.E. Representative	Terry McNabb	(360) 330-0152	terry@aquatechnex.com
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**Visit the APMS WEB SITE**

**<http://www.apms.org>**

**For members only features: username = apms  
password = duckweed**