



AQUATIC PLANT NEWS

A newsletter of The Aquatic Plant Management Society, Inc., Issue No. 65 November 2000
Mike Stewart, Editor, CEERD-ES-P, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199

A Message from the APMS President

Jim Schmidt

My first order of business is to express a deserving and heartfelt thank you to all who assisted in their roles as Committee Chairs and committee members, Board Representatives, the Western Aquatic Plant Management Society and an array of willing volunteers for all of your assistance at our very successful Conference in San Diego this past July 16-20, 2000. In conjunction with this, we all owe our gratitude to the Handlery Resort and Hotel for their timely organization and cooperation in keeping everything running smoothly. For fear of leaving someone out, I will not even begin to mention any names, however, those who attended know who these people are.

Secondly, it would not be much of a conference without a flavorful menu of informative papers and posters. My sincere gratitude to the presenters of the 67 papers given and 27 posters shown at the meeting. I did not go back in the program records to count, but I suspect this may have been a record. Speaking of records, I was also extremely pleased that the APMS also hosted ten student papers this

year. It is quite encouraging to see that we are attracting the next generation of aquatic plant scientists to the conference.

Third, an extra special thank you to our international guests, speakers and poster presenters without whom we could not have called this an International Conference. I appreciate their sacrifice in traveling thousands of miles to broaden our base of knowledge by sharing their research and experiences. Papers varied not only geographically, but in topics, as well. Perhaps, we should have billed it "The Summer Olympics of Aquatic Plant Management". One primary lesson learned is that the world is getting smaller from the standpoint of travel, communication and the spread of invasive aquatic plants. What is regarded as one country's beneficial aquatic species is another's weed. Regardless of whether we call future conferences "International" or not, I extend an invitation to all of our colleagues around the world to join us each year.

<See President's Message - Page 2>

41st Annual Meeting in Minneapolis

There's more to discover in Minneapolis than you may think. In addition to the 41st Annual Meeting of the Aquatic Plant Management Society, there are historic sites, culture, family fun, sporting events, outdoor activities, plenty of shopping spots, great restaurants, and exciting nightlife. So mark your calendar and join all the other APMS delegates at the Minneapolis Marriott City Center, July 15-18, 2001.

The Program Committee has been busy developing a diverse and interesting program for all delegates. And the Local Arrangements Committee has been hard at work arranging entertaining events for relaxing and visiting with colleagues. You can expect this meeting to have more than 250 participants; *<See 41st Meeting, page 2>*

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President's Message - (continued from Page 1)

Last, but by no means least, I thank the numerous exhibitors and meeting sponsors, without whom there would be limited refreshment breaks and a reduction in social activities. Without their generous contributions, our options would be to significantly raise conference delegate registration fees or limit functions outside the meeting sessions. In addition, our scholarship fund would suffer significantly.

Looking back, I will now admit that I had concerns over the challenge of organizing the 2000 Program, especially with the added responsibility of including a number of international papers. I was not alone, as many on the APMS Board were aware of the risk of holding the conference such a distance away from our more traditional locations. Our worries were without substance. Not only did the speaker slots fill up, but we hosted over 230 delegates and guests. The San Diego weather was consistently cooperative - sunny and mild. Our special events such as the Presidents Reception, the International/Student Luncheon, the Banquet Cruise and the closing Awards Luncheon provided an enjoyable time for all attending.

While the 2000 Conference is over, the business of aquatic plant management goes on. We have all returned to our "day" jobs, but your commitment to the profession through voluntary participation in professional organizations such as the APMS makes it a career. As I am sure all of my presidential predecessors have done, I challenge each of you to get involved. The APMS does not simply exist to hold an annual meeting. We have numerous initiatives and activities going on throughout the year, and we need your help.

Following is a summary of my statement of objectives presented to the Board at the Post-Conference Board Meeting. The input, assistance and support of the membership is requested in these areas:

- ① Use the feedback and success of this year's meeting as a learning experience upon which to build.

- ② Define or re-define the goals of the Society and prioritize these in terms of financial support for each objective.

- ③ Compile the 2000 membership questionnaires in conjunction with historical meeting data to influence and direct future planning.

- ④ Secure input from potential members such as our Chapters to determine how we can attract their membership.

- ⑤ Utilize scholarship funds for educational outreach programs, realizing that we need to influence and encourage even younger generations.

- ⑥ Define or re-define what our members expect out of an annual meeting, blending both informational and social events together to the satisfaction of all attendees, thus providing a good value for increased participation and membership for registration fees.

- ⑦ Get back on track with Journal of Aquatic Plant Management publications.

- ⑧ Continue to improve upon budgeting to ensure that sound financial decisions are made in putting together meetings, operating the Society and utilizing scholarship monies for optimum benefit towards our goals.

- ⑨ Continue to draw upon the support and synergy from related organizations such as Regional Chapters, the AERF, CAST, WSSA and NALMS towards the goals and objectives of the APMS.

- ⑩ Upgrade and expand the website under the direction and scrutiny of the Board of Directors in the areas of public education, member information, annual meeting announcements and value to our sustaining members.

I am proud to have been associated with the aquatic plant management industry for over 26 years and promise to serve it with professionalism and integrity. Thank you for the honor to serve as the President of the APMS.

Plan to Attend Our 41st Annual Meeting
July 12 - 15, 2001
Marriott City Center
Minneapolis, Minnesota

41st Meeting - (continued from Page 1)

excellent presentations on research, management, and much more; industry exhibits featuring the latest tools; and exciting social activities including the President's Reception, Spouse Tour, Evening Banquet, and Awards Luncheon.

The Marriott City Center is located in the heart of downtown Minneapolis, connected to City Center Mall and an enclosed skywalk system providing easy access to a variety of downtown restaurants, shopping complexes, theaters, and nightclubs. Downtown sights include Nicollet Mall a 12-block pedestrian avenue lined with shops and restaurants, and the Warehouse District with galleries, antique shops, restaurants, dance clubs, and wine bars. Within minutes of the hotel is the biggest mall of them all, Mall of America offers 500 stores, an indoor theme park, aquarium, restaurants, nightclubs, movie theater, and wedding chapel. In addition, the Minneapolis area offers more theater seats per capita than any other U.S. metropolitan area outside New York.

To make a reservation, call the Marriott City Center directly at 612-349-4000 or Marriott Reservations at 800-228-9290 (in the US and Canada). Special guest room rates are \$110.00 single or double, \$120.00 triple, and \$130.00 quad occupancy per night plus applicable taxes, currently 12%. **You must make your reservation on or before June 25, 2001, and be sure to mention that you are part of the Aquatic Plant Management Society.** All reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. The Marriott City Center will not hold any reservation unless secured by one of the above methods.

The first Call for Papers is enclosed in this newsletter. More information on the meeting will be provided in future newsletters and will be available on the APMS web site (www.apms.org). As always this will be an extraordinary meeting and you won't be at a loss for things to do, so plan to attend and bring the family!

For APMS Information:

<http://www.apms.org>

For "Members Only" Features: username: apms
password: duckweed

**APMS Sustaining Members
2000 - 2001**

Allen Instruments/Supplies, Inc.
San Marcos, TX

Applied Biochemists, Inc.
Milwaukee, WI

Aquarius Systems
North Prairie, WI

Aquatic Nuisance Plant Control
Oxford, NC

Becker Underwood
Ames, IA

Biosonics, Inc.
Seattle, WA

Brewer International
Vero Beach, FL

Clean Lakes, Inc.
Martinez, CA

Cygnnet Enterprises, Inc.
Flint, MI

Diversified Waterscapes, Inc.
Laguna Niguel, CA

Electronic Data Solutions
Jerome, ID

Elf Atochem
Charlotte, NC

Griffin, LLC
Valdosta, GA

Resource Management, Inc.
Tumwater, WA

SePRO Corporation
Carmel, IN

Zeneca Professional Products
Wilmington, DE

AWARDS & SCENES: 40TH ANNUAL MEETING



Left: Newly elected President Jim Schmidt, right, accepts a gavel for use at society meetings during the upcoming year.



Right: Lewis Decell, received a plaque from incoming President Jim Schmidt, left, in recognition of his service to APMS during the past year

Below: Linda Dean, left, of Electronic Data Solutions, accepts the APMS Exhibitors' Award from Joe Bondra, chair of the Exhibits Committee



Mrs. Judy McCowen presented Paul C. Meyers with the Max C. McCowen Friendship Honor, an honor awarded by APMS to members who exhibit qualities reminiscent of our dear friend.

Below: John Madsen, APMS Editor, presents Stratford Kay with a certificate to recognize his three-year service to the Society as an Associate Editor of the Journal.



----- Student Paper Contest -----

40th Annual Meeting Student Paper Contest

Ten students competed in the Student Paper Contest at the annual meeting during July 16-20, 2000, in San Diego, CA. We had a very diverse group of students. The range of research topics included: phytoremediation, secondary plant metabolites, invertebrate abundance in relation to plant species/architecture, fisheries/plant interactions, biological control, herbicide transport, plant-groundwater interactions, plant ecology/biology, and selection and use of aquatic vegetation by waterfowl. Student contestants represented the following universities:

Michigan State University (2 students)
Purdue University
University of California, Davis
University of Glasgow, Glasgow Scotland (2 students)
University of North Texas (2 students)
University of South Florida
Utah State University



The top four papers in the Student Paper Contest were presented by (left to right): Katia Englehardt, Utah State University (3rd Place); Lee Ann Glomski, Purdue University (1st Place); Kendra Spence Cheruvellil, Michigan State University (2nd Place); Sveinn Palmarrson, University of California - Davis, (4th Place). Pictured with these students is Linda Nelson, Chair of the APMS Student Affairs Committee.



40TH ANNUAL MEETING SPONSORS
The following companies are acknowledged for their sponsorship of annual meeting events and activities.
SePRO Corporation
Zeneca Professional Products
Applied Biochemists
Cygnnet Enterprises
Elf Atochem



APMS Officers, Directors, Committee Chair & Special Representatives

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N.A.L.M.S. representative	Robert Doyle	972-436-2215	rddoyle@gte.net
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**FIRST CALL FOR PAPERS
THE AQUATIC PLANT MANAGEMENT SOCIETY**

41ST ANNUAL MEETING
MINNEAPOLIS, MINNESOTA – JULY 12-15, 2001

You are invited to submit a title and abstract for the 41ST Annual Meeting of the Aquatic Plant Management Society from July 12 – 15, 2001 at the Marriott City Center in Minneapolis, Minnesota. Presentations of up to 20 minutes on all aspects of aquatic plant management, biology and ecology will be considered. Carousel slide projectors and overhead projectors will be provided. Other equipment, such as video projectors, may be made available providing prior arrangements have been made with the Program Chair, Mr. Dave Tarver, at the time of submission.

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 250 words. Abstracts will be printed and provided to meeting participants.

The submission Deadline for Title and Abstract is April 15, 2001

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

Student Paper Competition: Yes No (Please check one)

Title of Paper: _____

(or 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: _____

Time Required: min. _____

Equipment Required: _____

Submit completed Form & Abstract to:

David Tarver, APMS Program Chair

c/o SePRO Corporation

6791 Proctor Road

Tallahassee, FL 32308

e-mail: davidptarver@worldnet.att.net

Fax: 850-668-2664 Phone: 850-668-2352

----- CALENDAR OF UPCOMING MEETINGS AND EVENTS -----

<u>DATE</u>	<u>EVENT</u>	<u>LOCATION</u>	<u>CONTACT</u>
January 7-9, 2001	Integrated Decision-Making for Watershed Management Symposium: Processes and Tools	National 4-H Center 7100 Connecticut Ave. Chevy Chase, MD	Mary L. Wolfe, Symp. Chair Dept. of Biol. Systems Engineering Virginia Tech Blacksburg, VA 24061 Phone: 540-231-6092 Email: mlwolfe@vt.edu
January 22-26, 2001	6 th International Symposium on Fish Physiology, Toxicology, & Water Quality	La Concha Beach Resort La Paz, Baja California Mexico (Reserv: 800-999-2252)	Robert V. Thurston, Symp. Chair Montana State University Dept. of Chemistry & Biochemistry Bozeman, MT 59717 Phone: 406-994-3371 Email: vance@montana.edu
February 12-14, 2001	International Symposium on the Role of Drought in Aquatic Ecosystems	Albury Convention & Performing Arts Centre Albury, NSW, Australia	Paul Humphries Murray-Darling Freshwater Res. Ctr. PO Box 921 Albury, NSW, Australia Phone: int. +61 02 6058 2317 Email: hump@mdfrc.canberra.edu.au
February 12-16, 2001	American Society of Limnology & Oceanography (ASLO) 2001 Aquatic Sciences Meeting	Albuquerque Convention Center Albuquerque, NM	Helen Schneider Lemay ASLO Business Office 5400 Bosque Blvd., Suite 680 Waco, TX 76710-4446 Phone: 800-929-ASLO Email: business@aslo.org
March 21-23, 2001	10 th Annual Southeastern Lake Management Conference	Hyatt Regency Hotel Knoxville, TN (Reserv: 865-637-1234)	Sue Robertson Tennessee Valley Authority 1101 Market Street, CST 17D Chattanooga, TN 37402-2801 Phone: 423-751-7347 Email: srobertson@tva.gov
March 25-29, 2001	7 th Federal Interagency Sedimentation Conference	Silver Legacy Hotel & Casino Las Vegas, NV (Reserv: 800-687-8733)	Marlene Johnson, FISC Reg. Denver Federal Center PO Box 25007 (D-6700) Denver, CO 80225-0007 Phone: 303-445-2117 Email: mjohnson@do.usbr.gov
May 21 - June 1, 2001	22 nd Annual Meeting, Society of Wetland Scientists. Urban Wetlands: Protecting and Enhancing the Resource.	Congress Hotel Chicago, IL (Reserv: 800-535-1666)	Dr. Michael Miller miller@geoserve.isgs.uiuc.edu http://www.sws.org
October 1 - 4, 2001	11 th International Conference on Aquatic Invasive Species	Hilton Alexandria Mark Center, Alexandria, VA	Elizabeth Muckle-Jeffs Conference Administrator Phone: 800-868-8776 Fax: 613-732-3386 Email: profedge@renc.igs.net Web Page: http://www.aquatic-invasive-species-conference.org

GRADUATE ASSISTANTSHIP ANNOUNCEMENT

A graduate assistantship in the area of aquatic plant management and ecology is being offered jointly by The Aquatic Ecosystem Restoration Foundation (AERF), a non-profit applied research and education organization, and The Aquatic Plant Management Society (APMS). Co-sponsors of this academic award will include some, if not all, of the six APMS regional chapters.

Objective: To provide a stipend for a full-time graduate student to conduct research in the areas involving aquatic herbicides or algicides (used alone or in combination with other management approaches) or in aquatic ecology related to the management of regionally or nationally-recognized nuisance vegetation.

Applicant Eligibility: Solicitation for proposals is open to any full-time faculty member and/or graduate student of an accredited U.S. academic institution. A faculty sponsor must be identified if applicant is a graduate student.

Amount: \$40,000.00

Duration: Two years.

Proposal Deadline: Applications must be postmarked no later than 1 April 2001.

Guidelines for Proposals: Proposals should contain a concise statement of the project, including its purpose and justification, as well as sections that discuss study objectives, methodologies, schedule, budget, and planned publication of results. Budget should primarily be designated to provide support for a graduate student. The AERF will not pay overhead/indirect costs on approved projects. Resume of faculty applicant and graduate student (if known), not to exceed 2 pages each. Proposals should not exceed 10 pages and must be signed by the applicant (principal investigator) and appropriate university official. An original and 10 copies should be submitted to: Dr. K. D. Getsinger, AERF Technical Advisory Committee Chair, c/o CEERD-EP-P, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199.

Award: Notification of award will be provided to the faculty member by July 2001, with initiation of the stipend scheduled for the 2001-2002 academic year.

Inquiries: Mr. Michael D. Moore, Executive Director AERF, 817 Pepperwood Dr., Lansing, MI 48917, mdmoore817@aol.com, (517) 323-7685; or Dr. K. D. Getsinger, getsink@wes.army.mil, (601) 634-2498.

THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.

The Aquatic Plant Management Society, Inc. is an international organization of scientists, educators, students, commercial pesticide applicators, administrators, and concerned individuals interested in the management and study of aquatic plants. The membership reflects a diversity of federal, state, and local agencies; universities and colleges around the world; corporations; and small businesses.

Originally The Hyacinth Control Society, Inc. when founded in 1961, The Aquatic Plant Management Society, Inc., is a respected source of expertise in the field of biological, mechanical, and chemical aquatic plant management and aquatic plant sciences. The Society has grown to include several regional and state chapters. Through these affiliates, annual meetings, newsletters, and the *Journal of Aquatic Plant Management*, members keep abreast of the latest developments in the field.

The objectives of the Society are to assist in promoting the management of nuisance aquatic plants, to provide for the scientific advancement of members of the society, to encourage scientific research, to promote university scholarship, and to extend and develop public interest in the aquatic plant science discipline.

Application for Membership

Name of Applicant _____
 Home Address _____ Zip Code _____
 Current Title and Business or Institution Name & Address _____

Phone _____ Fax _____ e-mail _____
 Zip Code _____

There are three regular classes of membership available to applicants, according to the Charter of our Society which was adopted in 1961. These membership classes are:

ACTIVE MEMBERSHIP \$ 35.00
 STUDENT MEMBERSHIP \$ 5.00
 COMMERCIAL SUSTAINING MEMBERSHIP \$ 500.00

Each of these membership classes provides an individual (Active or Student) or an organization (Commercial Sustaining) a single vote in society elections, and single copies of both the Journal and the newsletter. Commercial sustaining membership also includes exhibit space at the annual meeting. In addition to these membership classes, the Society also provides a Subscription Membership class for those wanting to be added to the mailing list for the Journal only. This class does not include the newsletter, nor are members allowed to vote in Society elections.

SUBSCRIPTION MEMBERSHIP \$ 70.00

AMOUNT OF REMITTANCE \$ _____ (Make checks to APMS, Inc.)

SIGNATURE OF APPLICANT: _____

Please check the following to request additional information on APMS regional chapters!

Florida APMS Mid-South APMS Midwest APMS Nile Basin APMS
 South Carolina APMS Western APMS Texas APMS Northeast APMS

Send this form to:
 The Aquatic Plant Management Society, Inc.
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