



Incorporated in 1961 as a forum to share water hyacinth control experiences, today APMS and its seven Regional Chapters promote research and outreach to manage all species of aquatic plants and algae.



Aquatic Plant News

The Newsletter of the Aquatic Plant Management Society, Inc.
7922 NW 71st Street, Gainesville, FL 32653

Jeffrey D. Schardt, Newsletter Editor

Celebrating 60 Years

Issue 123

March 2020

Join Us for the Joint APMS / TAPMS Annual Meeting



Hyatt Regency Riverwalk
123 Losoya Street
San Antonio, Texas 78205
210-222-1234

The Texas Chapter of the Aquatic Plant Management Society is hosting the 60th APMS Annual Meeting on July 19-22 at the Hyatt Regency San Antonio Riverwalk.

The Meeting Planning Committee has secured a group rate of \$169 per night during the conference. The cutoff date for this rate is June 26, 2020. Please make reservations early since we anticipate this to be a well-attended meeting.

Hotel Reservations:

<https://www.hyatt.com/en-US/group-booking/SATRS/G-APMS>

You can also book over the phone at:

888-421-1442 or 800-233-1234

Group Name: APMS Conference

Group Code: APMS

Conference Registration & Info:

www.apms.org/annual-meeting/2020

Please read on and check the APMS website (www.apms.org) for more information on the 2020 Annual Meeting events and important deadlines. We hope to see you in July in San Antonio!

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Make your Reservations NOW for the Joint APMS / TAPMS Annual Meeting!

60th APMS Annual Meeting

www.apms.org



31st TAPMS Annual Meeting

www.tapms.org

Delegate Registration for the 2020 Annual Meeting includes an annual APMS Membership for 2021. Registration is \$395.00 for a delegate and \$130.00 for a guest (spouse, partner, child over 12 years of age) if received by June 19, 2020. After this date, registration fees at the door will be \$470.00 for a delegate and \$155.00 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 \$75.00.

Delegate and student registration includes attendance at all technical sessions as well as the President's Reception, continental breakfasts, refreshment breaks, Poster Reception, and Awards Reception and Banquet. Guest registration includes President's Reception, continental breakfast and breaks, Poster Reception, and Awards Reception and Banquet. Non-registered guests may purchase individual tickets for these events.

The 2020 Annual Meeting begins with the President's Reception on Sunday evening. As the official welcoming event of the meeting, this reception is an excellent time to re-acquaint with colleagues, meet new friends, and relax. Heavy hors d'oeuvres and beverages will be served. All students registered for the conference have an opportunity to meet one another and become familiar with the conference format at the Student Meet-and-Greet scheduled one hour prior to the President's Reception. **This reception is for students only!**

The Program will commence at 8:00 am Monday, July 20 and adjourn at noon on Wednesday, July 22. The 2020 Annual Meeting site lies within the boundaries of the Texas APMS Regional Chapter and we encourage researchers and program managers to attend and share your latest findings or operational strategies via

oral or poster presentations.

The Monday Poster Reception is scheduled for early in the evening with all poster presenters in attendance explaining their work and answering questions. The Poster Reception is held in the Exhibit Hall to enhance networking among vendors and sponsors along with researchers. Light hors d'oeuvres and beverages will be served. There is sufficient time afterwards to further discuss research or business on site or at one of the many venues along the San Antonio Riverwalk.

The APMS Reception and Awards Banquet will be held on Tuesday evening. We will recognize those who have served and contributed to our Society, welcome new officers and directors, and present student paper contest winners and other awards.

Please make your hotel reservations early. When making reservations by phone, be sure to mention you are part of the Aquatic Plant Management Society. Our special APMS guest room rate is \$169.00 per night while rooms last for single and double occupancy plus applicable tax. Afterwards room rates, if available, increase to ~\$250 per night. The cutoff date for reservations at the special group rate is June 26, 2020. The Hyatt has extended the special room rate from Friday, July 17-Thursday, July 23 while rooms last if you want to stay a few extra days and enjoy all San Antonio has to offer. Check in time is 4:00 pm; checkout is 12:00 pm. If you depart earlier than your reserved departure date, the hotel will charge one night room and tax.

We hope to see you and your family in San Antonio as we celebrate the 60th Annual Meeting of the Aquatic Plant Management Society and the 31st Meeting of the Texas Aquatic Plant Management Society!

Call for Papers—2020 APMS / TAPMS Joint Annual Meeting

Present Your Original Research

You are invited to submit a title and abstract for the 60th Annual Meeting of the Aquatic Plant Management Society, to be held jointly with the Texas Aquatic Plant Management Society, July 19-22 at the Hyatt Regency Riverwalk, San Antonio, Texas. Oral and poster presentations are solicited for original research informing management practices for invasive and nuisance aquatic plants, endangered species issues, and harmful algal blooms (HAB - including cyanobacteria).

Special topics of interest for the program include:

- Effects of aquatic plant management activities on endangered species
- How endangered species shape management strategies
- Management of invasive aquatic plants in sensitive aquatic environments
- Eradication programs for invasive aquatic plants: history, successes, challenges, economic and ecological impacts
- HAB management in drinking water supply systems and large lakes/reservoirs, and integrating watershed and in-lake nutrient mitigation with targeted control of bloom events
- Irrigation canal management
- Education, outreach, and prevention strategies
- Classic biocontrols for aquatic invasive plants
- Novel monitoring and assessment methods

General papers relevant to management are also invited on the biology, ecology, and control methods (biological, chemical, cultural, mechanical) of aquatic and wetland plants or algae/cyanobacteria, and restoration projects.

This year's meeting is in the region of the Texas Aquatic Plant Management Society, so regional presenters are strongly encouraged to submit abstracts. Presentations of original research will be given preference and should be indicated by including results in the abstract. Summaries of government management or regulatory programs, particularly those implementing novel management or organizational approaches, are also welcome.

Interactive Presentation Format

Oral presentations will be allotted a total of 15 minutes with an additional five minutes for questions and discussion. Oral presentations should be scientific or technical in nature, which will be determined from the submitted abstract.

An LCD projector/computer and laser pointer will be available for oral presentations. Only PC-based PowerPoint presentations will be accepted. All presenters will be required to upload their final PowerPoint presentation to the abstract submission portal prior to the meeting.

Note: All presentations that include externally run programs, models or special animation must be approved by the Program Chair prior to the meeting. You will not be allowed to use a personal computer.

Monday Evening Poster Reception

A 90-minute Poster Reception is scheduled for Monday evening. Poster presenters discuss their research with attendees in the Exhibit area while enjoying hors d'oeuvres and beverages. Free-standing display boards (4' x 4') will be provided by APMS for posters.

New Abstract Submittal System

APMS is using a revised abstract submission system this year. Please submit your information online on the Weed Science Meeting Abstracts System web site at:

<http://weedscimeetingabstracts.com/>

Abstract Submittal Deadline - April 17, 2020

Instructions for abstract submittal are on the following page in this Newsletter. The Weed Science Meeting Abstracts System is active and will remain open until April 17, 2020. Acceptance of contributed papers will not occur until after the April 17, 2020 abstract deadline and will be confirmed by a separate e-mail.



Abstract Submittal Instructions

Navigating the New 'Weed Science Meetings Abstract Submission System'

Starting in 2020, The Aquatic Plant Management Society will be using the new "Weed Science Meetings Title and Abstract Submission System", accessible at:

<http://www.weedscimeetingabstracts.com/>

Logging in to the New Abstracts System

If you have used the new Abstracts System already, then login with your email address and password. If you cannot remember your password, click the Forgot Password link on the login page to reset it.

If this is your first time using the new Abstracts System, then you must create a new account by clicking the "Create Account" link in the upper right corner of the homepage. After logging in, complete your profile by entering your name, affiliation, and phone number.

Title

To enter a new title, click the link 'Create New', and then select 'APMS' conference. Enter the title with key words capitalized (e.g., Response of Eurasian and Hybrid Watermilfoil to Five Auxinmimic Herbicides). Please do not submit your title in bold typeface or all caps. Just capitalize the major words in the title.

Student Competition

Indicate whether you are a student and if you are planning on being judged in the poster or oral presentation contest.

Presenter Biography

A short biography of 100-250 words is required to facilitate securing continuing education credits for the conference program.

Abstract

Enter your abstract into the abstract box. It is probably easiest to enter the text in a word processor first, and then copy and paste the text into the abstract box. **Please limit your abstract to 300 words!**

Authors

As you start typing the name of an author, a list of individuals will be displayed. Please select the author from that list. If the individual isn't in the list, then click 'Add new author record' to manually add someone, making sure to enter their name and contact information as it should be listed in the program. After adding all authors, arrange them in the correct order by moving the authors up and down using the 'move' handle. Make sure the presenter is check marked.

Online Submission Required

Titles and Abstracts must be submitted in the new Abstract System. Do not email these to the Program Chair and expect to be included in the program.

Submission Deadlines

Title and Abstract:

April 17, 2020. Please do not wait until the last minute. Abstracts will be accepted for oral and poster presentations on a first come, first served basis.

PowerPoint Presentations:

July 7, 2020. Oral presentations must be uploaded to the new Abstract Submission System by the deadline. If not uploaded by this date, it will be the responsibility of the presenter to provide their final presentation on site to Conference Planner Bill Torres sufficiently in advance of the presentation.

If you have any questions, please contact:

Ryan Wersal
2020 APMS Program Chair
ryan.wersal@msu.edu
Ph: 507-389-5728

Student Presentation Contests and Incentives for the July 2020 Meeting

The Aquatic Plant Management Society (APMS) is inviting student presentations for the 60th Annual Meeting. The joint meeting, with the Texas Aquatic Plant Management Society will be held July 19-22, 2020 at the Hyatt Regency Riverwalk, San Antonio Texas.

Student Incentives

The APMS and TAPMS especially invite student abstracts for oral and poster presentations. APMS has a strong ethic of student support. The Annual Meeting presents an opportunity for students to develop presentation skills, learn more about the field of aquatic plant management, and network with key government, university and industry representatives and peers with similar educational and professional interests.

Oral and Poster Presentations

Student oral and poster presentations of original research are solicited on: the biology or ecology of aquatic and wetland plants and algae; management strategies (including biological, chemical, cultural, mechanical) for invasive exotic or nuisance native plant species or harmful algae blooms; and restoration projects involving wetland or aquatic plants. Eighteen students from eight universities participated in the 2019 Annual Meeting in San Diego, California and we hope to have strong student attendance again this year.

APMS provides all students who compete in the Oral or Poster Competitions with room accommodations and complimentary meeting registration. First (\$300), Second (\$200) and third (\$100) place prize money will be awarded in contests for both oral and poster presentations. Due to the limited number of spots available in the program, the society encourages students to consider presenting a poster, especially for those students that have given oral presentations at previous APMS meetings. The Poster Reception on Monday evening is a great opportunity for students to interact directly with meeting delegates. Authors present their research in a personal, face-to-face format during the 90-minute food and beverage reception to

university instructors as well as government administrators and industry representatives.

Student Meet-and-Greet and Student Luncheon

All students registered for the meeting are invited to gather and get to know other students for an hour prior to the Sunday evening, July 19th Presidents' Reception. Beverages and light snacks will be provided. This students-only event is open to all students who are registered for the meeting. During the conference, the Student Affairs Luncheon will be held on Monday July 20th for all registered students to network with other student attendees. Guest speakers from state and government agencies, as well as private industry will answer questions and provide insight to career opportunities.

Post-conference Student Tour

All students are invited to attend a hands-on tour of management activities on surrounding waters following the Annual Meeting. A unique experience on Texas waters tied into conference content is being planned with details available soon in advance of the April 17 abstract submission deadline.

Please log on to www.apms.org to learn more about the Aquatic Plant Management Society and this year's meeting. Students may register for the Annual Meeting and submit an abstract by following instructions under the [2020 Annual Meeting](#) page. The deadline for Abstract submission is April 17, 2020.

For more student information please contact:

Samantha Sardes
APMS Student Affairs Committee Chair
2870 Meadow Road
West Palm Beach, FL 33406
561-201-0713
sardes23@gmail.com



APMS
The Aquatic Plant Management Society



Be a Sponsor of the 2020 Annual Meeting

Sponsors

The APMS Annual Meeting is the most ambitious education and outreach event organized by the Society. This meeting would be impossible without the generous support of the meeting sponsors.

The Society has implemented several incentives that correspond with different levels of meeting sponsorship. Sponsors at all levels will continue to be recognized in the Annual Meeting Program, on the APMS web site, and at individual meeting events.

Additionally, Platinum and Gold Level Sponsors now have an opportunity to present new product research or novel uses of their products or services that

forward aquatic plant management during the Annual Meeting Program.

Platinum Level Sponsors will be granted ten minutes and five minutes will be allotted to Gold Level Sponsors. To be eligible for this benefit, sponsorship payment and an abstract must be received by April 30 to place among all presentations in the Annual Meeting Program.

See the following link for benefits associated with the different levels of sponsorship

[APMS Sponsorship](#)

Exhibit Your Products and Services at the 2020 Annual Meeting

Exhibitors:

The APMS Annual Meeting offers an excellent opportunity to exhibit products and services and to interact with key people in aquatic plant management across the country. The Exhibit Hall is also the site of daily continental breakfasts and refreshment

breaks as well as the Monday evening Poster Reception to increase interactions and discussions among Exhibitors and meeting attendees.

We are confident that your time and investment in this meeting will be both enjoyable and worthwhile.

For more information on Meeting Sponsorship and Exhibiting, please contact APMS Exhibits Committee Chair Dean Jones (dean.jones@upl-ltd.com) or visit the web site at www.apms.org/annual-meeting.

Call for 2020 APMS Award Nominations

It is time to recognize your colleagues for exemplary achievements and service. The Aquatic Plant Management Society provides a number of different awards in research and management for both long-time and short-term accomplishments and to established researchers and graduate students just beginning their journeys in aquatic plant control.

Visit the Awards page [APMS website](#) for more information on each Award and a list of past recipients. Criteria and Nomination Forms are at the bottom of

the Awards page on the web site (under the Society tab on the APMS Homepage). The deadline for nominations is April 1, 2020.

Awards will be presented and recipients honored at the Tuesday evening Awards Banquet.

Please send your Award Nominations to Jay Ferrell, Awards Committee Chair at:

jferrell@ufl.edu

In Memory of Stephen Paul Brewer June 4, 1948 - February 2, 2020



Sunday February 2, 2020, after the Superbowl had been decided and the parties wound down, beloved husband and father, Stephen (Steve) Paul Brewer, 71 years old, lost his battle to kidney cancer and left this world to smile down upon us for eternity as our angel in heaven.

Steve was born to the late Paul and Desiree Brewer on June 4, 1948 in Upper Darby, Pennsylvania. He is survived by his wife of 47 years Linda, son Jonathan, daughters Jessica (Jesse) and Christine (Trevor), brothers Jim and Bruce and sister Sandi. Steve's daughters Jessica and Christine blessed him with four grandchildren who he loved dearly: Piper (5), Daniel (4), Kiera (3), and Hudson (1). His grandchildren were a great source of joy for him.

Steve received a Bachelor of Arts degree from Lycoming College in 1970. He moved to Vero Beach in 1980 and called it home ever since. Steve and his brother Jim proudly took over their father's business, Brewer International in 1990 (founded by Paul Brewer

1977) and grew it to be the successful business that it is today.

Steve was a Member of APMS for 20 years and Brewer International is a long-time Sustaining Member of the Society as well as frequent Sponsor and Exhibitor at National and Regional Chapter Annual Meetings.

Steve was a loving and loyal friend and will be missed by many. Steve considered Vero Beach to be his own little paradise surrounded by his wife and friends. He was active in the Sunrise Rotary Club and Elks Lodge where he made life-long friends. He often traveled with them for charity work in the Dominican Republic and helped organize the annual Florida Craft Brew & Wingfest whose proceeds went directly back to the community and local charities.

Aside from being a world traveler, hopeless romantic, and loving family man, Steve was a man of deep Christian faith involving himself in the GraceSpring Church for the last 40 years. He played an active role in his church and openly shared his faith with his family and friends.

In his early years, Steve followed in his father's footsteps and served his country in the Army Reserves.

Memorial gifts may be made to GraceSpring Church and/or the Rotary Club at Vero Beach Sunrise Foundation Inc., 4049 Ocean Dr., #506 Vero Beach, FL 32963.



Steve Brewer with a winning ticket at the 2002 Annual Meeting Awards Banquet raffle (left) and Presidents' Reception with wife Linda and daughter Christine (above). Steve at the 2019 Annual Meeting in San Diego (right).



Washington Report—Lee Van Wychen, Executive Director of Science Policy

FY 2020 Federal Budget is Final: On December 20, Congress agreed to a final appropriations package funding all the government for the remainder of FY 2020. The programs highlighted in green below increased over FY 2019 funding levels. The remaining appropriations programs listed below were held at the same level as FY 2019. There were no decreases for the selected accounts below.

Selected Discretionary Appropriations Accounts for the Past Four Fiscal Years

Program	FY 2017	FY 2018	FY 2019	FY 2020
	-----\$ millions \$ -----			
Army Corp of Engineers - Civil				
Aquatic Plant Control Research Program	4	5	5	5
Flowering Rush Control	n/a	1	1	1
Watercraft Inspection Stations	5	5	6	18
Great Lakes Restoration Initiative (EPA)	300	300	300	320
National Sea Grant Program (NOAA)	63	65	68	74
USDA- ARS	1170	1203	1303	1414
USDA- NIFA	1363	1407	1471	1527
Hatch Act (Experiment Stations)	244	244	259	259
Smith-Lever 3(b) & (c) (Extension)	300	300	315	315
AFRI competitive grants	375	400	415	425
IR-4 Minor Crops	12	12	12	12
Crop Protection & Pest Mang't (IPM)	20	20	20	20

The biggest increase, a 3X increase over FY 2019, went to the Watercraft Inspection Stations. In the 2018 Water Resources Development Act (WRDA) that was signed into law last year, several new river basins were approved for inspection stations, in addition to the existing Columbia River Basin. The new ones include: 1) the Upper Missouri River Basin; 2) the Upper Colorado River Basin; and 3) the South Platte and Arizona River Basin. There was language in the 2018 WRDA directing ACOE to conduct a "Harmful Algal Bloom Technology Demonstration," but, I could not find any additional appropriations in the conference report specifically earmarked for this purpose. However, what it does say about HABs in the FY 2020 Conference report for Energy & Water Appropriations is the following:

Aquatic Nuisance Research Program. - Concerns persist about the increasing threat to human health and public safety from harmful algal blooms (HABs) on our nation's surface waters. The agreement provides additional funds in Aquatic Nuisance Research Program to address HABs and to develop next generation ecological models to maintain inland and intracoastal waterways, which contribute over \$649,000,000,000 annually to the U.S. economy. The agreement also provides additional funds to support research and development that will identify the formation of HABs and develop improved strategies for early detection, prevention, and management techniques and procedures to reduce the occurrence and impacts of HABs in the nation's water resources. The Corps is urged to work collaboratively with appropriate university partners to address these issues. The Corps is encouraged to explore opportunities to address HABs in the Great Lakes given the historic lake levels in the region.

Washington Report—Lee Van Wychen, Executive Director of Science Policy

June 8 Capitol Hill Seminar on HABs and Aquatic Plant Research. I'm working with APMS President Mark Heilman, Rob Richardson, Ken Wagner and Jeremy Crossland to present a couple of seminars on Capitol Hill and to Federal Agency staffers on the importance of aquatic plant management and HAB research. Monday, June 8 is during the 2nd annual PlayCleanGo Awareness week. We will also likely have several other meetings in DC while they are here to discuss research funding with USDA, DOI and ACOE.

Weed Science Societies Comment on EPA's Interim Process for Evaluating Potential Synergistic Effects of Pesticides during the Registration Process: Since 2015, EPA has used an interim process to evaluate the potential synergistic effects of 24 new active ingredient registrations due to patent office claims by registrants. None of these reviews has ultimately impacted an existing EPA ecological risk assessment. The results from the analysis of the first 24 active ingredients reflects that there is a low probability that claims asserting greater than additive (GTA) effects will impact ecological risk assessments for pesticide active ingredients. Therefore, the National and Regional Weed Science Societies support EPA's plans to evaluate the results of the interim process, and once a sufficient number of reviews are completed, to decide whether continuing the process has utility in evaluating ecological risk associated with product use. If the outcome of EPA's future evaluation demonstrates that the interim process does not have utility in evaluating ecological risk associated with product use, our societies agree that EPA and registrants should not exhaust additional time and resources in this endeavor and suspend evaluations. The National and Regional Weed Science Society comments are available [here](#).

New WOTUS Rule: EPA and the Army Corp of Engineers released their new definition of "waters of the United States" (WOTUS) in January. To be brief, WOTUS's covered under the Clean Water Act are:

1. traditional navigable waters and territorial seas
2. perennial and intermittent tributaries
3. certain lakes, ponds, and impoundments
4. wetlands that are adjacent to jurisdictional waters

Waters NOT subject to federal control:

1. features that only contain water in direct response to rainfall
2. groundwater
3. many ditches, including most farm and roadside ditches
4. prior converted cropland and farm and stock watering ponds
5. waste treatment systems

EPA Finalizes Interim Registration Review for Glyphosate. EPA has concluded its regulatory review of glyphosate—the most widely used herbicide in the United States. After a thorough review of the best available science, as required under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), EPA has concluded that there are no risks of concern to human health when glyphosate is used according to the label and that it is **not a carcinogen**. These findings on human health risk are consistent with the conclusions of science reviews by many other countries and other federal agencies, including the U.S. Department of Agriculture, the Canadian Pest Management Regulatory Agency, the Australian Pesticide and Veterinary Medicines Authority, the European Food Safety Authority, and the German Federal Institute for Occupational Safety and Health. The agency is requiring additional mitigation measures to help farmers target pesticide sprays to the intended pest and reduce the problem of increasing glyphosate resistance in weeds.

Glyphosate has been studied for decades and the agency reviewed thousands of studies since its registration. Glyphosate is used on more than 100 food crops, including glyphosate-resistant corn, soybean, cotton, canola, and sugar beet. It is the leading herbicide for the management of invasive and noxious weeds and is used to

Washington Report—Lee Van Wychen, Executive Director of Science Policy

manage pastures, rangeland, rights-of-ways, forests, public land, and residential areas. In addition, glyphosate has low residual soil toxicity and helps retain no-till and low-till farming operations.

More information on glyphosate and EPA's interim decision are available at: www.epa.gov/ingredients-used-pesticide-products/glyphosate

USDA-NIFA Move to Kansas City: The USDA National Institute of Food and Agriculture (NIFA) is hiring people of all types of backgrounds since many staff did not move to Kansas City. While this will slow grant processing and panel reviews in the short term, it is a great opportunity for students and faculty for an excellent federal job. The new National Science Liaison that covers weed science issues for NIFA will be Mathieu (Mat) Ngouajio, who has Michigan State ties. He will be one of 6 NSL's that remain in DC to liaise with other federal stakeholders.

Will USDA-ARS Hire a National Program Leader for Weed Science? Still no word on the hiring of a National Program Leader (NPL) in USDA-ARS with expertise in weed science and invasive plant issues. Rumor has it that ARS will post a position description fairly soon. While weed science was well represented by stakeholders during the USDA-ARS Crop Protection and Quarantine Program (NP 304) five year review last year, ARS leadership, led by entomologists, continually short change the entire weed science discipline.

WSSA Rep for TAG-BCAW: Dr. Te-ming Paul Tseng, a weed physiologist at Mississippi State University, has been representing WSSA on the APHIS Technical Advisory Group for the Biocontrol of Weeds.

2020 International Year of Plant Health: USDA APHIS will host a 1000+ person conference in Washington, DC on Aug. 18-20, 2020 to focus attention on plant health issues. I'm on the academia steering committee and am pushing them to include invasive species and phytosanitary trade issues related to herbicide-resistant weeds. More info at: <https://www.aphis.usda.gov/aphis/ourfocus/planthealth/iyph/iyph2020>

WEED BINGO: an educational game that blends a bit of science with interesting and unusual facts about some of North America's most common and troublesome weeds. Each of the 42 weed cards (including seven aquatic weeds) includes the common and scientific name of the weed, a photo and a brief description. My kids love it. We've sold about 200 of the 1,000 games already. The game is a great gift for a colleague and is also an excellent educational and outreach tool for weed management. You can buy it for \$14.95 + \$5.00 S&H at: https://wssa.memberclicks.net/index.php?option=com_mcform&view=ngforms&id=24090#/

National Invasive Species Awareness Week (NISAW): <https://www.nisaw.org/nisaw-2020/>

NISAW has undergone a major overhaul and rethinking of strategy and purpose over the past year. NAISMA has agreed to take over the coordination and planning role, which is being led by their executive director, Belle Bergner. There will be a NISAW Part I – Legislative Advocacy week during Feb. 24-28, 2020. We will discuss restoring the NISC budget and re-instating ISAC. The traditional, NISAW will be May 16 – 23, 2020 and will focus public awareness on invasive species “in the field” for events across the country at the state and local levels.

“Executive Visits Day” in DC for Weed Society Presidents: This was a success in April 2019 and I plan to do it again in 2020 for the Presidents/leaders of the six national and regional weed science societies. Tentative dates are May 18-22, 2020, which would correspond with NISAW.

National Survey of Common and Troublesome Weeds: The 2019 survey results for weeds in broadleaf crops, fruits & vegetables are posted at <http://wssa.net/wssa/weed/surveys/>. The 2020 weed survey will focus on weeds in grass crops, pastures, and turf and be sent out to society members by Memorial Day and will conclude by Labor Day.

APMS Sustaining Membership

The Aquatic Plant Management Society is grateful for our Sustaining Members whose generous annual contributions sponsor our most important core values, especially education and outreach initiatives. Sustaining Membership costs \$500 and includes all membership privileges for one designated representative; subscription to the [*Journal of Aquatic Plant Management*](#), [APMS Newsletters](#), and access to social media content; quarterly issues of [Aquatics](#) magazine; recog-

nition as a [Sustaining Member](#) in Newsletters, the Annual Meeting Program, and on the APMS website. Please read about APMS Sustaining Members and learn more about them by visiting their websites.

Please join APMS as a Sustaining Member at:

apms.org/society/membership/

2020 Sustaining Members

- Alligare, LLC
- Applied Aquatic Management, Inc.
- Applied Biochemists
- Aqua Services, Inc.
- AquaTechnex, LLC
- Aquatic Control, Inc.
- Aquatic Vegetation Control, Inc.
- BioSafe Systems, LLC
- Brewer International
- Chem One Ltd.
- Clarke Aquatic Services, Inc.
- Compliance Services International
- Cygnet Enterprises, Inc.
- Diversified Waterscapes, Inc.
- Duke Energy
- Lake Restoration, Inc.
- Lee County Hyacinth Control District
- Maxunitech, Inc.
- Nufarm Americas
- Nutrien Solutions
- SePRO Corporation
- SOLitude Lake Management
- Sox Erosion Solutions
- Syngenta
- UPL NA Inc.
- Vertex Water Features

APMS Chapter and Related Meetings

Date	Meeting	Location
2020		
March 2-5	Weed Science Society of America	Maui, Hawaii
March 16-18	Western Aquatic Plant Management Society	Tucson, Arizona
July 19-22	Aquatic Plant Management Society	San Antonio, Texas
Joint Meeting APMS (60th Anniversary) & TAPMS		
July 19-22	Texas Aquatic Plant Management Society	San Antonio, Texas
Aug 30 - Sep 3	American Fisheries Society (150 th Anniversary)	Columbus, Ohio
Sep 30 - Oct 2	South Carolina Aquatic Plant Management Society	North Myrtle Beach, SC
October 5-8	Florida Aquatic Plant Management Society	Daytona Beach, Florida
October 26-28	MidSouth Aquatic Plant Management Society	Mobile, AL
November 16-20	North American Lake Management Society	Minneapolis, Minnesota
2021		
January 12-14	Northeast Aquatic Plant Management Society	Hyannis, Massachusetts
February 22-25	Midwest Aquatic Plant Management Society	Grand Rapids, MI

2019-2020 APMS Officers, Directors, Committee Chairs, and Special Representatives

<u>Office</u>	<u>Name</u>	<u>Affiliation</u>	<u>City, State</u>
President	Mark Heilman	SePRO Corporation	Carmel, IN
Immediate Past President	Craig Aguillard	Alligare	Villa Platte, LA
President Elect	Ryan Wersal	Minnesota State University, Mankato	Mankato, MN
Vice President	Ryan Thum	Montana State University	Bozeman, MT
Treasurer	Jeremy Slade	UPL NA Inc.	Gainesville, FL
Editor	Jason Ferrell	University of Florida	Gainesville, FL
Secretary	Jeffrey Schardt	Florida FWC- Retired	Thomasville, GA
Director	Deborah Hofstra	NIWA, New Zealand	Hamilton, NZ
Director	Amy Kay	Clean Lakes Midwest, Inc.	Oakwood Hills, IL
Director	Amy Ferriter	Nutrien Solutions	Gainesville, FL
Director	Marc Bellaud	SOLitude Lake Management	Shrewsbury, MA
Director	Lyn Gettys	University of Florida	Davie, FL
Director	Chris Mudge	U.S. Army Corps of Engineers	Baton Rouge, LA
Student Director	Jens Beets	North Carolina State University	Raleigh, NC
<u>Committee</u>	<u>Chair</u>	<u>Affiliation</u>	
Awards	Jason Ferrell	University of Florida	Gainesville, FL
Bylaws and Resolutions	James Leary	University of Florida	Gainesville, FL
Education and Outreach	Brett Hartis	Duke Energy Carolinas	Huntersville, NC
Exhibits	Dean Jones	UPL NA, Inc.	Auburndale, FL
Finance	Andy Fuhrman	Allstate Resource Management, Inc.	Davie, FL
Legislative	Rob Richardson	North Carolina State University	Raleigh, NC
Meeting Planning	Rob Richardson	North Carolina State University	Raleigh, NC
Membership	Marc Bellaud	SOLitude Lake Management	Shrewsbury, MA
Nominating	Craig Aguillard	Alligare	Villa Platte, LA
Past President's Advisory Program	Craig Aguillard	Alligare	Villa Platte, LA
Proposal Review	Ryan Wersal	Minnesota State University, Mankato	Mankato, MN
Publications	Craig Aguillard	Alligare	Villa Platte, LA
Regional Chapters	Jason Ferrell	University of Florida	Gainesville, FL
Scholastic Endowment	Ryan Thum	Montana State University	Bozeman, ID
Strategic Planning	Tom Warmuth	BioSafe Systems, Inc.	East Hartford, CT
Student Affairs	Mark Heilman	SePRO Corporation	Carmel, IN
Website	Sam Sardes	SOLitude Lake Management	West Palm Beach, FL
	Open		
<u>Special Representative</u>	<u>Name</u>	<u>Affiliation</u>	
AERF Representative	Carlton Layne	AERF	Marietta, GA
BASS Representative	Jeremy Slade	UPL NA Inc.	Gainesville, FL
CAST Representative	Lyn Gettys	University of Florida	Davie, FL
NALMS Representative	Terry McNabb	AquaTechnex, LLC	Bellingham, WA
RISE Representative	Sam Barrick	SePRO Corporation	Carmel, IN
Women of Aquatics	Amy Kay	Clean Lakes Midwest, Inc.	Oakwood Hills, IL
WSSA Representative	Rob Richardson	North Carolina State University	Raleigh, NC
Director of Science Policy	Lee Van Wychen	Weed Science Society of America	Alexandria, VA



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 and algae. The membership reflects a diversity of federal, state, and local agencies, universities and colleges around the world, corporations, and small businesses.

Vision

The Vision of the Aquatic Plant Management Society is to be the leading international organization for scientific information on aquatic plant and algae management.

Mission

The Mission of the Aquatic Plant Management Society is to provide a forum for the discovery and dissemination of scientific information that advances aquatic plant and algae management policy and practice.

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Regional Chapters

Seven Regional Chapters of the Aquatic Plant Management Society provide members with current management tools and strategies and administrative information of local and regional importance.



Florida



MidSouth



Midwest



Northeast



South Carolina



Texas



Western