

64
Years



Aquatic Plant News

The Newsletter of the Aquatic Plant Management Society, Inc.

April, 2024 – Issue 135



CONTENTS:

- Letter from the Secretary
- Update from the Editor
- 2024 Calendar of Events
- Student Research Grant Announcement
- AMPS Annual Meeting Events
- 2024 APMS Board of Directors Nominees
- Scholastic Endowment Info
- Student Update
- Women of Aquatics Update
- Aquatic Weed Control Short Course
- Regional Chapter Updates
- Sustaining Members
- General Membership Info

Salvinia minima surrounds these cypress knees in the quiet waters of a central Florida lake.

Photo by Amy L. Giannotti, AquaSTEM Consulting

Aquatic Plant Management Society, Inc.
100 Winterberry Lane | Holly Springs, NC 27540

Newsletter Editor, Amy Giannotti

Letter from the Secretary

Dear APMS Members,

As we gear up for our much-anticipated 64th Annual Meeting in St. Petersburg, Florida, I'm excited to extend a warm welcome to each of you! July is when we come together to celebrate our Society achievements, chart our course for the future, and, most importantly, enjoy each other's company!

Our Annual Meeting promises to be an unforgettable experience, filled with networking opportunities, engaging discussions, and camaraderie. We have an exciting lineup of speakers and events designed to foster meaningful connections across agencies, research, industry, government, and private sector.

In this newsletter, you'll also find the Slate of Nominees for the open officer and director positions this year on the APMS Board of Directors.

Please take a look and get to know the candidates before you cast your vote at the Annual Business Meeting. Your voice matters, and your vote will help secure success in the year ahead.

As we count down the days to the Annual Meeting, I want to remind you to mark your calendars, spread the word, and don't forget to register! Remember, everything can be done online now by visiting the Annual Meeting link. Thank you to the members, sponsors, exhibitors, and Sustaining Members who support the Society – we are grateful!

SEA you in St. Pete!

Amy Giannotti, APMS Secretary



APMS 501c3 Transition

The Aquatic Plant Management Society is moving from a 501(c)(5) to a 501(c)(3). This has been a work in progress for the last two years and is now in the final stage of completion.

Section 501(c)(3) is a portion of the U.S. Internal Revenue Code (IRC) and a specific tax category for nonprofit organizations. Organizations that meet Section 501(c)(3) requirements are exempt from federal income tax.



With 501(c)(3) nonprofits, donations made by individuals to the nonprofit corporation are tax-deductible. This was not the case in previous years with the previous status APMS had. The hope is that this new tax-exempt status will enable the Society to attract larger donations to help fund the scholarships and other important functions of APMS.

Update from the Editor

Journal of Aquatic Plant Management (JAPM) is an international Open Access scientific journal published by the Aquatic Plant Management Society since 1962, and Dr. Ramon Leon serves as Editor.

JAPM publishes original research, reviews, and short communications focusing on all aspects of aquatic plants including biology and ecology, vegetation management, field operations, and regulations. All manuscripts must mention and preferably discuss the relevance of the results for aquatic vegetation management.

Membership in the Aquatic Plant Management Society is not a prerequisite for publication, but authors are encouraged to join the Society. To join, please visit <https://apms.org/how-to-join/>

The Journal is published in two volumes each year (January and July), but articles are made available to the readership as soon as the edition process is completed.

Journal of Aquatic Plant Management

- <https://apms.org/journal/>

Recently published articles:

- Environmental factors influencing biomass and bulbil production of *Nitellopsis obtusa* in Lake Koronis, Stearns County, Minnesota. <http://doi.org/10.57257/JAPM-D-23-00007>
- Evaluation of Florpyrauxifen-benzyl for control of Old World climbing fern. <http://doi.org/10.57257/JAPM-D-23-00011>
- Effects of select herbicides for management of American lotus, white waterlily, and watershield. <http://doi.org/10.57257/JAPM-D-21-00021>
- Journal Impact Factor 2022: 1.1

2024 Calendar of Events



**23rd International Conference
on Aquatic Invasive Species**

May 12-16, 2024
Halifax, Nova Scotia, Canada
<https://icaais.org>



**Aquatic Weed Control
Short Course**

May 13-16, 2024
Orlando, FL
go.ufl.edu/awcsc



**64th Annual Meeting of the
Aquatic Plant Management
Society**

July 15-18, 2024
St. Petersburg, FL
<https://apms.org/2024-annual-meeting/>



**2024 South Carolina Aquatic Plant
Management Society
Annual Meeting**

Sept. 30-Oct. 2, 2024
North Myrtle Beach, SC
<http://scapms.org/meetings.html>



**48th Annual Training Conference
for the Florida Aquatic Plant
Management Society**

October 7-10, 2024
Daytona Beach, FL
<https://fapms.org/conference/2024-conference/>



**43rd MidSouth Aquatic Plant Ma-
nagement Society Conference**

TBD
Chattanooga, TN
<https://msapms.org/conference2024/>



**Annual Meeting of the Texas
Aquatic Plant Management
Society**

November 12-14, 2024
New Braunfels, TX
<https://www.tapms.org/annual-meeting>

THE AQUATIC PLANT MANAGEMENT SOCIETY, Inc.

PO Box 754

Holly Springs, NC 27540

www.apms.org



ANNOUNCEMENT

Michael D. Netherland
APMS GRADUATE STUDENT RESEARCH GRANT

Subject Matter: A graduate student research grant (GSRG) in the area of aquatic plant or algae management or ecology is being offered by the Aquatic Plant Management Society. Co-sponsors of this academic award include regional APMS chapters: Florida, MidSouth, Midwest, Northeast, South Carolina, Texas, and Western.

Objective: Provide a grant for a full-time graduate student to conduct research in aquatic plant or algae management techniques (used alone or integrated with other management approaches) or in aquatic ecology related to the biology or management of regionally or nationally recognized nuisance aquatic vegetation (macrophytes, algae, or cyanobacteria).

Applicants: 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 the application is submitted by a graduate student.

Amount: \$40,000 (APMS does not pay overhead or indirect charges).

Duration: Two (2) years (\$20,000 per year).

Proposal Deadline: Applications must be received by the APMS GSRG Coordinator no later than May 31, 2024.

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, methodology, schedule, budget, and planned publication of results. The résumé of the faculty applicant and graduate student (if known) should not exceed two (2) pages each. Proposals should not exceed ten (10) pages, and must be signed by the applicant (principal investigator) and an appropriate university official. Include copies or links of your five (5) most recent peer reviewed publications.

**Please submit a pdf file of your full application via email to Lyn Gettys,
APMS Vice President at: lgettys@ufl.edu**

Award: Notification of award will be provided to the faculty member in time to make arrangements to attend the APMS 64th Annual Meeting (July 14-18, 2024 – Hilton St. Petersburg Bayfront, St. Petersburg, FL). Formal announcement of the recipient will be made at the Annual Meeting, with initiation of the grant scheduled for the 2024-2025 academic year. Payments in the amount of \$20,000 will be made before January 31st of 2025 and 2026.

Requirements: Semi-annual progress reports must be submitted to APMS prior to June 30th and December 31st for each year of the grant. The faculty member and student must participate in at least one APMS Board of Directors meeting and attend the APMS Annual Meeting. The student must present results of the funded research at least one time over the duration of the grant, although it is preferred that presentations are made annually. Upon completion, a final report must be submitted to APMS.

*For more information on the APMS
Michael D. Netherland Graduate Student
Research Grant
Visit the APMS website: <http://www.apms.org>*

Inquiries: Dr. Lyn Gettys
APMS Vice President
lgettys@ufl.edu



2024 ANNUAL MEETING

July 15 - 18 in St. Petersburg, Florida



 Register Here

About Us

The Aquatic Plant Management Society is a respected source of expertise in the field of biological, mechanical, and chemical aquatic plant management and aquatic plant species.

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.

Our Objectives

Promote the management of nuisance aquatic plants, algae, and cyanobacteria, provide for the scientific advancement of members of the society, encourage scientific research, promote university scholarship, and stir public interest in the aquatic plant science discipline.



Home of the
Michael D. Netherland
Graduate Student Research Grant



The Why?



network with industry professionals



boost your knowledge and skillset



contribute to the industry by sharing knowledge



stay plugged into industry trends

Why Not?

Annual Meeting Events at a Glance

Monday – July 15:

APMS Board of Directors Meeting
Registration
Exhibits & Poster Setup
Student Meet & Greet
Presidents' Reception: Oak and Stone Restaurant

Tuesday – July 16:

Registration
Continental Breakfast
Exhibit Room Opens
Regional Chapters Breakfast
Session 1:
Moderator: Jeremy Slade
8:00 am - 10:30 am

- Presidential address
- Plenary Session: "Back to the Basics: Control Methods – Past, Present, and Future"

10:30 am - 10:45 am

- Coffee Break

10:45 am - 12:15 pm

- Presentations

Lunch on your own
Past Presidents' Luncheon
Students' luncheon
Session 2
1:30 pm - 5:00 pm

- Presentations and Coffee Breaks

5:00 pm - 6:00 pm

- Reception and Poster Session

Wednesday – July 17:

APMS Board of Directors Meeting
Registration
Exhibits & Poster Setup
Session 3:
8:00 am - 12:00 pm

- Presentations and Coffee Breaks

Lunch on your own
Women of Aquatics Luncheon
Session 4
1:30 pm - 5:00 pm

- Presentations and Coffee Breaks

5:00 pm - 6:00 pm

- APMS Business Meeting

7:00 pm - 10:00 pm

- APMS Reception and Awards Banquet

Thursday – July 18:

Session 5
8:00 - 12:00 pm

- Presentations and Coffee Breaks

12:00 pm

- Meeting Adjourned

*This Events-At-A-Glance schedule is tentative and subject to change. Please watch the website for the Annual Program as meeting details finalize.

2024 APMS Board of Directors Nominees

The following candidates have been selected by the Nominating Committee for consideration to serve on the APMS Board of Directors. The Nominating Committee suggests a slate of candidates for positions that are about to come open on the Board. Each candidate must meet specific criteria set forth in the APMS Bylaws. The Board of Directors has approved the slate and active members will vote to approve or amend the slate of proposed officers and directors. Members will be voting during the Annual Business Meeting in July 2024 in St. Petersburg.

OFFICE	NAME	AFFILIATION	LOCATION
Vice-President	Michael Greer	US Army Corps of Engineers	New York
Director	Amy Smagula	NH Department of Environmental Services	New Hampshire
Director	JJ Ferris	Cygnnet Enterprises	North Carolina
Editor	Dr. Ramon Leon	NC State University	North Carolina



Vice President - Michael Greer

Michael Greer is the Program Manager for the Aquatic Plant Control and Aquatic Nuisance Species Research Programs at the U.S. Army Engineer Research & Development Center, Environmental Lab. He has over 25 years of professional experience in water resource planning and management specializing in ecosystem restoration, invasive species management, and watershed planning. As the Program Manager for the Aquatic Plant Control and Aquatic Nuisance Species Research Programs, Michael leads the financial and technical execution of the programs. He is also responsible for strategic planning for the programs including collaborative research initiatives within the Corps, other Federal agencies, states, academic institutions, and industry partners. Michael is currently serving a term on the Northeast Aquatic Plant Management Society Board of Directors and served as a board member for the Aquatic Plant Management Society from 2020-2023. Michael earned a Master of Science in Environmental Science in 2000 and a Bachelor of Science in Biology Education with a minor in Environmental Science in 1995 at SUNY College at Buffalo.



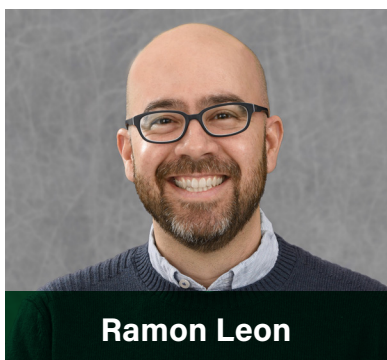
Director - Amy Smagula

Amy Smagula is a freshwater biologist with the New Hampshire Department of Environmental Services where she coordinates the state's Aquatic Invasive Plant Program and conducts special studies of the state's lakes and ponds. She has 26 years of experience in lake and watershed monitoring and aquatic plant management. Amy has a Bachelor of Science in Natural Resources Management and a Master of Science in Water Resources Management from the University of New Hampshire. She has served multiple terms on the boards of the Northeast Aquatic Plant Management Society, North American Lake Management Society, Northeast Aquatic Nuisance Species Panel, and the New England Chapter of the North American Lake Management Society. She is past chair and long-time member of the New Hampshire Invasive Species Committee. Amy also serves as Editor of LakeLine, the magazine of the North American Lake Management Society. In her spare time, you can find Amy hiking the mountains of New Hampshire, and spending time on the water with her son and husband.



Director - JJ Ferris

JJ began his aquatics career in 2004 working as a Certified Aquatic Applicator for Aquatic Nuisance Plant Control in Swartz Creek, Michigan focusing on large lake applications. While as an applicator, JJ attended Saginaw Valley State University majoring in criminal justice. In 2011, JJ joined Cygnnet Enterprises, Inc. as a Sales Representative working at the corporate office in Flint, Michigan. In 2015, JJ relocated to Cygnnet's North Carolina office, providing distribution to the Southeast. In 2020 JJ was promoted to Sales Manager, overseeing sales in the Southeast. JJ is active in regional APMS societies where he's held numerous positions; Midsouth APMS (Past President, board of director 6 years) and South Carolina APMS (Immediate Past President, board of director 6 years). JJ currently resides in Hickory, NC with his wife and son. JJ enjoys spending time with his family, hunting, fishing, hiking and golfing.



Editor - Dr. Ramon Leon

Dr. Ramon Leon is a William Neal Distinguished Professor and University Faculty Scholar of Weed Biology and Ecology in the Department of Crop and Soil Sciences, North Carolina State University, USA. He obtained a Ph.D. (2005) and M.S. in Crop Production and Physiology (2003) and a Ph.D. in Genetics (2005) from Iowa State University, and a B.S. in Agronomy (2000) from the University of Costa Rica. Dr. Leon conducts research on weed biology and the development of innovative weed control tools in terrestrial and aquatic systems. He has published 168 articles in refereed journals, 264 abstracts, and over 75 extension publications. He currently serves as Editor of the Journal of Aquatic Plant Management.

Annual Meeting Sponsors & Exhibitors

APMS Exhibitors and Sponsors,

We're back in Florida this year. The 2024 Aquatic Plant Management Society 64th Annual Meeting will be July 15-18 at the Hilton St. Petersburg Bayfront in St. Pete, FL. The Annual Meeting provides an excellent forum to exhibit products and services and interact with key people involved in aquatic plant management throughout the country. Now is the time to register. **For company information to be included in the Meeting Program and conference signage, sponsorship and/or exhibitor registrations must be completed by June 14, 2024.** All forms of registration including, exhibitor, sponsor and individual can be processed online. To register, please go to the APMS Annual Meeting page [2024 Annual Meeting – Aquatic Plant Management Society \(apms.org\)](https://apms.org/2024-Annual-Meeting-Aquatic-Plant-Management-Society). [The Exhibitor fee includes one delegate registration.](https://apms.org/2024-Annual-Meeting-Aquatic-Plant-Management-Society) The Exhibitor Registration can be found and processed on the Online Registration page, [2024 Annual Meeting Registration – Aquatic Plant Management Society \(apms.org\)](https://apms.org/2024-Annual-Meeting-Registration-Aquatic-Plant-Management-Society). Some sponsorship levels also come with complimentary individual and exhibitor registration(s). To Sponsor the APMS Annual Meeting submit the online sponsorship form [2024 Annual Meeting Sponsorship – Aquatic Plant Management Society \(apms.org\)](https://apms.org/2024-Annual-Meeting-Sponsorship-Aquatic-Plant-Management-Society) on the Sponsorship and Exhibitor Information page [2024 Annual Meeting Sponsorship and Exhibitor Information – Aquatic Plant Management Society \(apms.org\)](https://apms.org/2024-Annual-Meeting-Sponsorship-and-Exhibitor-Information-Aquatic-Plant-Management-Society). **Please complete sponsorship signup first.** Once processed, you will receive an email with a complimentary code for the delegate registration.

Thank you for your participation. Please let me know if you have any questions. See you in St. Pete.

Dean Jones
863.209.4015
dean.jones@upl-ltd.com

Scholastic Endowment



This year, we are not only focusing on enriching your knowledge and expertise in aquatic plant management but also on providing an unforgettable experience filled with fun activities and camaraderie. In addition to our usual lineup of enriching sessions, this year's conference will feature a variety of fun activities aimed at fostering connections and creating lasting memories. Here's a glimpse of what to expect:

- **Raffle Prizes:** Get ready to win some fantastic prizes! We have an array of exciting items up for grabs, ranging from a Milwaukee (5-tool) combo kit, an electric bike, \$500 gift card, a cooler full of your favorite adult beverages and many more.
- **Cornhole Tournament:** Test your skills and compete in our lively cornhole tournament. Whether you're a seasoned pro or a novice, this friendly competition promises plenty of laughter and camaraderie.
- **All for Fun, All for Raffle Tickets:** Participation in cornhole is not only a source of enjoyment but also an opportunity to earn raffle tickets. The more you engage, the greater your chances of winning fantastic prizes in our raffle drawing. It's a win-win situation—enjoyable activities and the chance to take home some incredible prizes.

Join Us in July!

Mark your calendars and make plans to join us for an unforgettable experience at the APMS Annual Conference in July. Whether you're seeking to expand your knowledge, network with industry peers, or simply have a great time, this event has something for everyone.

We look forward to welcoming you to a conference that promises to blend learning and fun in the world of aquatic plant management. See everyone in July!

CALL FOR PAPERS

64th Annual Meeting of the Aquatic Plant Management Society

July 15-18, 2024

Hilton St. Petersburg Bayfront – St. Petersburg, Florida

Present Your Original Research

You are invited to submit a title and abstract for the 64th Annual Meeting of the Aquatic Plant Management Society to be held at the Hilton St. Petersburg Bayfront in beautiful St. Petersburg, Florida. Oral and poster presentations are solicited for original research on the biology or ecology of aquatic and wetland plants and algae, control methods (biological, chemical, cultural/physical, mechanical) for invasive, exotic or nuisance plant or algal species, and restoration projects involving wetland or aquatic plants and algae. Presentation of original research will be given preference and should be indicated by including results in the abstract. This year's meeting is in the region of the Florida Aquatic Plant Management Society, so regional presenters are strongly encouraged to submit an abstract.

Oral presentations will be allotted a total of 15 minutes with an additional 5 minutes for questions and discussion. Contributed oral presentations should be scientific or technical in nature, which will be determined from the submitted abstract. 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 reviewed and approved by the Program Chair prior to the meeting. You will not be allowed to set up a personal computer for your presentation. A poster session will also be scheduled. Free-standing display boards (4' x 4') will be provided for posters.

Plenary Session – Back to the Basics: Control Methods – Past, Present, Future

The society will hold a special session to start the conference discussing the various aquatic plant and algae control methods, their development through the years including how they may have been used separately and integrated together, and what the future outlook is for optimal management outcomes. At the end of the session, each presenter will be available for a panel Q&A. Invited speakers and submitted talks will drive discussions around how weeds and algae are managed with these techniques (pros and cons), management objectives with stakeholder input, and more recent technology development. Abstracts submitted for the special session should be indicated during the abstract submission process.

Students

The society will provide all student presenters with room accommodations and complimentary registration. First, 2nd, and 3rd place prize money will be awarded in separate contests for both oral and poster presentations. In addition, a student tour of local management sites and scenic places is being put together for student enjoyment. Students may contact the Program Chair (Mr. Jeremy Slade; jeremy.slade@sepro.com) or the Student Affairs Committee Chair (Dr. Andrew Howell, awhowell@ncsu.edu) with any questions.

CALL FOR PAPERS

(Continued)

Abstract Submission Information

Abstracts must be submitted on the WSSA abstract system at <https://weedscimeetingabstracts.com/>. Instructions for abstract submittal are below. The WSSA Title and Abstract Submission System is now active and will remain open until **Friday, May 17, 2024**. Acceptance of contributed papers will not occur until after the abstract deadline and will be confirmed by a separate e-mail.

Logging in to the WSSA System

If you have used this system before, enter your e-mail address and password to sign on to the system. If you cannot remember your password, click “Forgot your password?” to reset the password.

If you do not have an account with the WSSA abstract submission system, click “Register as a new user” and follow the instructions.

Once you are logged in, you will see a list of conferences that are open for Title and Abstract submissions. Click on “My Titles” at the top, and then click on “Create New”. You will be prompted to select a conference. Select “2024 APMS” and hit the “Continue” button.

Entering a Title: Type in the title capitalizing key words (e.g., Response of Eurasian and Hybrid Watermilfoil to Five Auxin-mimic Herbicides). Please do not submit your title in bold typeface or all caps. Just capitalize the major words in the title.

Students: Please indicate if you are a student. The society will provide all student presenters with room accommodations and complimentary registration. There will be a contest awarding 1st, 2nd, and 3rd place for both the oral and poster presentations.

Section: Indicate whether you are presenting an oral or poster presentation using the “Type” dropdown menu.

Presenter Biography: Please provide a short biography of the presenting author (200 word maximum).

Abstract: Type or copy the text of your abstract into the abstract box (300 word maximum).

Authors: Be sure to add the full names and contact information of all authors. Please indicate the presenting author with the checkbox. Please enter all authors in the correct order, and the order can be changed by dragging the boxes.

If you have any questions, please contact:

Mr. Jeremy Slade
2024 APMS Program Chair
jeremy.slade@sepro.com



Student Update

Student Mentors Needed!

The Student Affairs Committee is in search of mentors for this year's annual meeting in St. Petersburg, FL. One of the goals of the committee is to provide students with opportunities to expand their professional development through member support while attending the annual meetings. We are in search of 6-8 APMS members to share their professional experiences and provide advice to students as they navigate the start of their professional careers. We ask that if you commit to this opportunity, that you are available to provide mentorship to students during the hour before the President's Reception and also during the Student Luncheon. If you are interested in serving as a mentor at this year's meeting, or would like additional details, please reach out directly to Dr. Andrew Howell (awhowell@ncsu.edu). We look forward to a successful mentor program by linking students with our industry professionals during the 2024 annual meeting!

Student Tour - Scheduled Monday, July 15th

This year's tour will provide examples of active management occurring around St. Petersburg. Recently, a non-native *Vallisneria* spp. was discovered in the Braden River (<1 hr from the conference hotel), and ongoing monitoring and control efforts are underway. This tour will provide students with an opportunity to view how and why cryptic *Vallisneria* spp. continue to challenge management around the country. During the tour, students will also have the chance to engage with management partners involved in the Braden River project. Please note that students will depart the conference hotel for the tour at 7a on Monday 15th, so most students will need to use the weekend prior for travel to the conference hotel if wanting to attend the group tour.

Women of Aquatics Update

Upcoming Women of Aquatic Events & How to Get Involved!

Get Onboard with Women of Aquatics!

Join us in 2024 at these upcoming events:

- Join us for our upcoming Professional Development Webinar Series: "Branding Yourself: Getting the Most out of LinkedIn" on May 15th, at 12 pm CST! To register for this webinar email us at info@womenofaquatics.org. Don't miss out!
- Annual Retreat following NALMS Annual Meeting: Save the date for our annual retreat, November 8th-10th, following the NALMS annual meeting. Join us for a weekend of learning, networking, and relaxation as we come together to celebrate our shared passion for aquatics.
- Check out our website: updating continuously on open positions in aquatics, future webinar dates, events we are attending, ways to get involved, join our newsletter list and more. www.womenofaquatics.org.
- Know of an event we should be at? Send us an email about it, info@womenofaquatics.org



SAVE THE DATE



NOVEMBER
8TH-10, 2024
AFTER NALMS ANNUAL MTG

WORKSHOPS
NETWORKING
RELAXATION
FUN

Why Join Women of Aquatics?

Joining Women of Aquatics has a wealth of benefits, including:

1. **Networking Opportunities:** Connect with like-minded individuals, share experiences, and forge valuable professional relationships within the aquatics industry.
2. **Professional Development:** Access resources, workshops, and mentorship programs designed to support your career advancement and personal growth.
3. **Community Engagement:** Engage in meaningful discussions, collaborate on projects, and contribute to initiatives aimed at promoting diversity and inclusivity in aquatics.
4. **Exclusive Events:** Attend member-exclusive events, such as our annual retreat following the NALMS (North American Lake Management Society) annual meeting, where you can immerse yourself in learning, networking, and rejuvenation.
5. **Access to Resources:** Gain access to educational materials, research articles, and industry updates to stay informed and inspired in your aquatics journey.

Get Involved!

Are you ready to dive in and become a part of Women of Aquatics? Don't miss out on the opportunity to connect with a diverse community of women dedicated to making a splash in the aquatics industry.

Stay Connected:

Follow us on social media and subscribe to our newsletter to stay updated on upcoming events, member spotlights, and exciting news from the world of aquatics. Thank you for being a part of Women of Aquatics. Together, we are making waves and shaping the future of aquatics for generations to come!

Women of Aquatics Update

(continued)



Get the most out of LinkedIn

a virtual lunch & learn brought to you by Women of Aquatics

Branding Yourself Webinar Series



12:00pm (CST) | 15 May 2024



Email to Register
Info@WomenofAquatics.org



www.WomenofAquatics.org



AQUATIC WEED CONTROL

Short Course

May 13-16, 2024

Orlando, Florida

go.ufl.edu/awcsc

Course Overview

The annual Aquatic Weed Control Short Course is hosted by the University of Florida and brings together nearly 500 applicators, educators, and industry representatives to learn new techniques and refresh core competencies in aquatic and upland weed control. This course focuses on invasive plants and management techniques and provides many networking opportunities for participants to share field experiences and lessons learned.

The Short Course offers continuing education (CEU) sessions and exam preparation sessions. CEUs are offered in Core (general standards; 4 CEUs in 2024) and Category (Aquatics, Rights-of-Ways, Natural Areas, etc.; 16 CEUs in 2024) topics. Participants have the flexibility to move between sessions in order to meet their CEU needs.

Those looking to become FDACS-licensed applicators can attend targeted exam preparation and study sessions in Core, Natural Areas, Right-of-Way and Aquatics during the Short Course. Core and category testing is offered on Thursday afternoon.

Who Should Attend?

The Aquatic Weed Control Short Course is designed to benefit those new to the industry and experienced professionals seeking a comprehensive update. You will benefit from attending this program if you:

- Need Florida Pesticide Applicator CEUs for categories such as: *Aquatic • General Standards (Core) • Natural Areas • Right-of-Way Forestry • Ornamental and Turf*
- Are responsible for aquatic weed control in canals, lakes, golf course ponds, rivers, parks, residential developments and other waterways.
- Are employed by a public agency or private company which is responsible for vegetation management along rights-of-way and in natural areas.
- Are an employee of a manufacturer or a distributor that markets aquatic or vegetation management herbicides.
- Use biological control techniques to suppress weed growth.

Registration Fees and Deadlines

Early (by February 26, 2024): \$275 Regular (until April 1, 2024): \$325
Late (until April 29, 2024): \$375

Why Should You Attend?

- Earn up to 20 Florida CEUs in 2.5 days!
- Fully recertify your Florida Aquatic, Natural Areas, or Right-of-Way license
- Get hands-on experience in Aquatic and Upland Plant Identification
- Network with your peers and industry representatives
- Learn new skills and emerging techniques
- Test for new categories or get your first license
- Learn from faculty and experts in the field

Meeting Site and Hotel Information

DoubleTree by Hilton Orlando at SeaWorld

10100 International Drive
Orlando, FL 32821

Block Cut-Off Date: April 21, 2024 or rooms fill

Reduced Aquatic Weed Group Rate: \$114 plus applicable taxes (currently 13%) per night. Resort fee and parking are waived! Make your reservation online via the Short Course website or the Hilton Hhonors website (enter "AAW" in the Special Rates section) or call 407-352-1100.

**Note: Do NOT respond to emails from "Conventioners" offering to reserve your room - this is a SCAM!!!!*

Questions?

For more information about the Short Course, please visit our website at go.ufl.edu/awcsc and join the mailing list. For logistics questions, please email Bill Torres at billt@flepms.org. For program/content questions, please email Dr. Lyn Gettys at lgettys@ufl.edu

UF | **IFAS Extension**
UNIVERSITY of FLORIDA

Regional Chapter Updates

TAPMS UPDATE

TAPMS Website: <http://www.tapms.org>



Website Update:

TAPMS is thrilled to announce the launch of our new website! While our web address remains the same, you can now explore our updated site at <https://www.tapms.org/>.

2024 Annual Meeting:

Registration is now open for the TAPMS Annual Meeting, taking place from November 12-14 in New Braunfels, TX. Registration Link: <https://www.tapms.org/event-details-registration/2024-tapms-annual-meeting>.

Abstract submissions for the 2024 Annual Meeting are also open. Please follow the link to learn more! <https://www.tapms.org/abstract-submission>.

Please email txamps@gmail.com for questions or concerns, we appreciate your patience if any issues arise.

Attention Students!

Applications for the [2024 David Allen Bass Scholarship](#) are now being accepted. For more details, please visit the Annual Meeting Homepage at <https://www.tapms.org/annual-meeting>.

On the Water Newsletter:

Featured articles in the latest issue include:

- Meet the 2024 Board of Directors
- A Tale of Two Species by Bryan Farquhar
- Integrated Pest Management on the San Antonio River by Peter Pierson

Sustaining Members

APMS wishes to express our gratitude to our Sustaining Members for their support during the 2023-2024 period. Sustaining Members play a crucial role in the success and sustainability of organizations like APMS.

If you're interested in learning more about what Sustaining Membership entails or if you want to become a Sustaining Member yourself, you can visit the following link for more information: [APMS Sustaining Members](#).

Sustaining Memberships often come with benefits like increased visibility, networking opportunities, and a deeper connection with the organization, so it can be a rewarding partnership for both the organization and its supporters.

Thank you all for your support in 2023-24!



[AgroShield](#) has been serving the Agriculture and Aquatic industries since 2015. Our Vodaguard product was developed to cure infections in the upper water column. Vodaguard's unique follow the bloom technology concentrates the cure where it is needed the most. Vodaguard C is a copper sulphate pentahydrate product. Vodaguard O is a sodium percarbonate that becomes hydrogen peroxide when introduced to water. Both products have a patented formulation that allows them to be buoyant for 24 to 36 hours. Reduces manpower, machinery, and un-necessary product which reduces cost. Please visit us at: <https://www.agro-shield.com/our-products/algaecides>.



Since 1981, [Applied Aquatic Management, Inc.](#), (AAM) has provided innovative and effective water management services, selective vegetation control, wetland management and exotic weed control. AAM has clients throughout Florida including developers, homeowners associations, golf courses, mobile home communities, utilities, local, state and federal government agencies and industry. Our experienced professional staff provides unique knowledge along with advanced equipment to manage all types of waterway, right-of-way, wetland, and upland systems.



[Aqua Services, Inc.](#) (Aqua Services) is a full-service water resource management company that has operated continuously in business for 40 years. In addition to its original focus on aquatic weed management operations for federal, state, and private entities, Aqua Services now provides superior fisheries population management, HAB and cyanobacteria control, lake design services, aeration design and installation, and soil sealant services to mitigate lake and pond seepage. Our experienced biologists and technicians work throughout the Southeast and Midwest to provide critical services to numerous clients. Successful projects have also been completed internationally, including the countries of Mexico and The Bahamas.

Sustaining Members



[AquaTechnex, LLC](#) is a lake and aquatic plant management firm that operates in the Western United States. The company is expert in the use of aerial and boat GIS/GPS technologies to assess aquatic environments. The firm is also expert in the management of invasive aquatic weed species and phosphorous mitigation to suppress toxic cyanobacteria blooms. Our web site is www.aquatechnex.com; please drop by regularly to get news updates as we have moved our blog onto the site.



[Aquatic Control, Inc.](#) has been managing aquatic resources since 1966. As a distributor of lake management supplies, floating fountain aerators, and diffused aeration systems, Aquatic Control represents all of the major brands of quality supplies and equipment. Aquatic Control has eight offices that offer aquatic vegetation management services including vegetation mapping, application services, fountain and aeration system installation, equipment maintenance, and factory-trained service and warranty repair throughout the Midwest. Harmful Algae Bloom monitoring programs with our in-house laboratory allow us to customize treatment plan design through control of the algae causing taste and odor or toxin production issues.



[Aquatic Vegetation Control, Inc.](#) (AVC) is a Florida corporation founded in 1986 offering vegetation management and general environmental consulting services throughout the southeast. Since its establishment as an exotic/nuisance vegetation management company specializing in the control of invasive wetland, aquatic and upland species, AVC has broadened its scope of capabilities to include; certified lake management, fish stocking, re-vegetation, mitigation and restoration services, mitigation monitoring services, aquatic, roadside, forestry and utility vegetation management, and environmental/ecological consulting.



[Atlantic-Oase](#) is a proud member of the Oase Group, the global leader of the Water Feature industry. We offer a continuously growing roster of the most respected products in the world. From enchanting Fountain and Water Entertainment systems of every size imaginable, to innovative Formal Spillways, Spouts and WaterWalls, we offer unique products for the hardscape. From the strongest Pond-free Vaults, Eco- Blox and FastFalls to the most advanced filtration products, we satisfy the most demanding landscaper and hobbyist. We also design, build and bring to market the most extensive line of water garden and fountain pumps, along with dependable aeration products, pond accessories and lighting systems.



[Black Lagoon](#) advocates for a proactive and integrated approach to waterbody management. We mitigate conditions impacting water quality, land use, ecosystem balance, property value, recreation, and overall aesthetics by implementing technically sound management programs. We establish connected, long-term relationships with our clients to manage the water quality challenges faced by their lakes, ponds, and wetlands...because everybody deserves clean, safe, enjoyable water.



[Brewer International](#) is a reputable manufacturer of aquatic and land management adjuvants that has been providing distribution services nationwide for over 40 years, with its headquarters located in Vero Beach, Florida. The company specializes in producing surfactants designed to improve pesticide penetration, wetting, bonding, and drift control. Our products are widely utilized by aquatic and land managers across the country to enhance pesticide uptake, thereby increasing efficiency while reducing the chemical footprint in natural environments. As a family-owned business, Brewer International is committed to producing only the highest- quality products and has consistently invested in product development and manufacturing innovation to provide its distribution partners with the best possible value. We take great pride in our reputation as a reliable partner, providing superior quality products that meet and exceed industry standards.

Sustaining Members



[Chem One](#) is a national leader of Organic Copper Sulfate for aquatic management. With eight standard EPA label grades; Fine 20, 25, 30, 100, 200, Small, Medium and Large. Chem One has a grade to meet every customer's needs. With our corporate offices and 78,000+ square foot warehouse in Houston, Texas, Chem One is a national wholesale company that is certified to ISO 9001, ISO 14001, OHSAS 18001.



[Compliance Services International](#) (CSI) is a leading regulatory consultancy providing innovative solutions for organizations faced with regulatory and environmental challenges. CSI's experienced scientists and regulatory specialists in the USA and the EU provide innovative approaches to solving regulatory and environmental challenges – combining traditional sciences with developing technologies to deliver economically sensible and scientifically sound results.



[Cygnet Enterprises, Inc.](#) is a national single source distributor of aquatic management products with offices and warehouses in Michigan, Indiana, Pennsylvania, North Carolina, California and Idaho. Cygnet is proud of its reputation for outstanding service, friendly, knowledgeable staff and our unmatched support of the aquatics industry. Cygnet Enterprises is the only aquatic distributor at the Charter Gold Member level in the Aquatic Ecosystem Restoration Foundation (AERF).



Since 1973, [Diversified Waterscapes](#), Inc. has offered lake management services and ecological products to professional applicators. Our proven field experience in pond and lake cleaning enabled us to develop an eco-friendly line of products that show dramatic results in any aquatic environment. With more than 45 years of experience, we have been providing aquatic treatment products and maintenance service for some of the world's best water features, including the famous Bellagio Fountain in Las Vegas – delivering clearly better results without harming the environment. Our mission is to combine extensive industry experience, mechanical aptitude and scientific knowledge to bring clarity, cleanliness and beauty to water features across the country.



[Duke Energy](#) “Building a smarter energy future”. Duke Energy (NYSE: DUK), a Fortune 150 company headquartered in Charlotte, N.C., is one of the largest energy-holding companies in the U.S. It employs 30,000 people and has an electric generating capacity of 51,000 megawatts through its regulated utilities, and 3,000 megawatts through its nonregulated Duke Energy Renewables unit. Duke Energy is transforming its customers' experience, modernizing the energy grid, generating cleaner energy, and expanding natural gas infrastructure to create a smarter energy future for the people and communities it serves. More information about the company is available at duke-energy.com. Follow Duke Energy on Twitter, LinkedIn, Instagram and Facebook.



[Lake Restoration](#), located in MN, has specialized in controlling pond weeds, lake weeds, and nuisance algae since 1977. Lake Restoration's product line-up includes: Mizzen, a copper based algacide, Spritflo and Dibrox herbicides, a variety of pond dyes and nutrient reducers. Lake Restoration also manufactures the TORMADA product application boat, Vitaflume floating fountains, the retractable Goose D-Fence system, and the patented LAKEMAID to eliminate lake weeds automatically.

Sustaining Members



The [Lee County Hyacinth Control District](#) was formed by the Florida Legislature in June 1961 to curtail excessive growths of water hyacinth. That same year, water managers from across the state convened in Lee County and formed the Hyacinth Control Society, now APMS, to share control strategies and develop a comprehensive management approach to Florida's most prolific aquatic plant. T. Wayne Miller, Jr. of Lee County served as the Society's President for the first two years and Lee County has been a supporting member of APMS since its inception.



[Maxunitech](#) is an integrated enterprise focusing on the Research and Development, production, sales of agrochemicals, and relevant intermediates and other fine chemicals. Established in 2000, under the principles of "people oriented, united for innovation and pursue excellence," we have been researching and developing new products, solving commercial issues from the perspective of technology, and fulfilling enterprise value with value added for our clients.



For more than 100 years we've been growing with you, bringing crop protection choices to our supply partners and the growers they serve. [Nufarm](#) solutions are developed and manufactured right here in America from three state-of-the-art US manufacturing facilities.



[Nutrien Solutions](#) is a full-service vegetation management company, providing innovative solutions and quality products for the aquatic plant management industry. The cornerstone of our success is our highly educated and trained field staff. With strong commitments to environmental stewardship, innovation, and technology, Nutrien Solutions provides customized programs tailored to specific locations throughout the U.S. We are the country's leading vegetation management provider, and we're excited to introduce you to everything Nutrien Solutions has to offer.



[SOLitude Lake Management](#) is a nationwide environmental firm committed to providing sustainable solutions that improve water quality, enhance beauty and preserve natural resources. SOLitude's team of aquatic scientists specializes in the development and execution of customized lake, stormwater pond, wetland and fisheries management programs. Services include water quality testing and restoration, algae and aquatic weed control, installation and maintenance of fountains and aeration systems, shoreline erosion control, muck and sediment removal and invasive species management. SOLitude partners with homeowners associations, golf courses, private landowners, businesses and municipalities. For more information, visit SOLitude Lake Management at solitudelakemanagement.com.



[Shoreline Aquatics](#) provides a range of services to ensure that your lake or pond is healthy, balanced, and thriving. From water testing and analysis, to aquatic weed control and fish stocking, we have the expertise and equipment necessary to keep your aquatic environment in top condition

Sustaining Members



Invasive weeds can devastate both natural and commercial habitats. [Syngenta](#) provides high performance products to control destructive weeds while helping to restore the habitat of aquatic environments. Syngenta offers proven aquatic herbicides like Reward® and Tribune™ that provide fast burn-down, work well in cool weather and are rainfast in as little as 30 minutes. The active ingredient, diquat dibromide, has been used successfully in sensitive aquatic areas for over 25 years.



ENVIRONMENTAL
SOLUTIONS

[UPL NA, Inc.](#) is a premier supplier of crop protection products and technologies designed for the agricultural, specialty, fumigation and aquatic markets. The Aquatics Division is part of the Environmental Solutions group which has manufactured aquatic herbicides and algaecides for the management of lakes, ponds, rivers and irrigation canals for more than 40 years. These products are marketed as Aquathol®, Hydrothol®, AquaStrike®, Current®, Symmetry®, Cascade®, Teton®, and Top Deck™. Most recently the development and commercialization of the ADAPT aquatic drone boat for improved application accuracy and efficiency was launched. With a customer-centric focus, UPL is committed to providing product stewardship and technical support to ensure your plant management operations are successful.

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.



General Info for Membership, Etc.

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.

● STATEMENT ON EQUITY, DIVERSITY, & INCLUSION

Creating an atmosphere of inclusion is vital to the Aquatic Plant Management Society (APMS). Contributions and perspectives from all members, students, event participants, and our local and international communities are important. Diversity includes age, culture, disability, ethnicity, gender, national origin, color, race, religion, sexual orientation, and diversity of thoughts and ideas. We recognize that embracing and encouraging diversity is critical to fulfilling our mission to 'Provide a forum for the discovery and dissemination of scientific information that advances aquatic plant and algae management policy and practice'. APMS will strive to further cultivate a Society built on mentorship, encouragement, tolerance, and mutual respect, and foster a welcoming environment for all.

To join, visit this link: <http://www.apms.org/society/membership/>

To renew a membership, login and visit this link: <http://www.apms.org/member-login/>

Follow us on Social Media at:



@APMSociety



@apmsociety



@APMS1961



APMS now has a Professional Organizational Page (@Aquatic Plant Management Society), as well as a Public Group

Many of our regional chapters are active on social media, too. Give them a like and a follow!