

MidSouth APMS & Texas APMS 2025 Joint Conference Agenda

MONDAY, NOVEMBER 3

10:00 AM – 5:00 PM	Registration Opens (Conf Center Foyer)
12:00 PM – 5:00 PM	Exhibit Set up (Crystal Ballroom)
1:00 PM – 3:00 PM	MSAPMS Board Meeting (Board Room)
6:00 PM – 9:00 PM	President's Welcome Reception (Crystal Ballroom)

TUESDAY, NOVEMBER 4

7:00 AM – 8:00 AM **Breakfast Provided (Venetian Dining Room)**

8:00 AM – 5:00 PM **Exhibit Hall Open (Crystal Ballroom)**

Kickoff Session – (Conference Center)

8:00 AM – 8:10 AM	Opening Remarks - <i>Stephen Turner, TVA, MSAPM President-elect</i>
8:10 AM – 8:30 AM	Welcome - Hot Springs City and Chamber Officials
8:30 AM – 8:40 AM	Presidential Address - <i>Dr. Gray Turnage, MSU, MSAPMS President</i>
8:40 AM – 9:30 AM	Why Control Aquatic Invasive Plants? - <i>Dr. John Madsen, JD Madsen Consulting LLC</i>
9:30 AM – 9:50 AM	AERF Update / AERF-MSAPMS-TVA Plant Camp Update – <i>Carlton Layne, Aquatic Ecosystem Restoration Foundation</i>
9:50 AM – 10:00 AM	APMS Update - <i>Dr. Lyn Gettys, University of Florida</i>

10:00 AM – 10:20 AM **Networking Break (Crystal Ballroom)**

Research Session 1 – (Conference Center)

10:20 AM – 10:40 AM	Legislation and Status of Aquatic Noxious Weeds in the Southeast United States - <i>Nicholas Engle-Wrye, Mississippi State University</i>
10:40 AM – 11:00 AM	Preliminary Phenological Trends of <i>Vallisneria</i> taxa in North America - <i>Maxwell G. Gebhart, Mississippi State University</i>

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11:00 AM – 11:20 AM	Field-Scale Assessment of Juncus-Derived Biochar and Fertilizer Regimes on Soil Biophysical Properties, Sorghum Yield, and Greenhouse Gas Fluxes in Southern Texas - <i>Damar D. Wilson, Prairie View A&M University</i>
11:20 AM – 11:40 AM	Phytoremediation and Growth Efficiency of Perennial Plants in Simulated Aquatic Environments - <i>Bhupinder Singh, University of Houston</i>
11:40 AM – 12:00 PM	Evaluating AC Aqua® as a Sustainable Management Tool for <i>Microcystis aeruginosa</i> Blooms in Pond Systems - <i>Brittany Chesser, Texas A&M University</i>
12:00 PM – 1:00 PM	Lunch Provided (Crystal Ballroom)
Research Session 2 - (Conference Center)	
1:00 PM – 1:20 PM	Chemical Control of the Aquatic Plants Alligatorweed and Knotgrass – <i>Dr. Gray Turnage, Mississippi State University</i>
1:20 PM – 1:40 PM	Quantifying the Nutrient-Pollution Impacts of Aquatic Plant Management in Florida - <i>Anthony Dues Jr., Florida Gulf Coast University</i>
1:40 PM – 2:00 PM	Reducing Carrier Volume for Crested Floating Heart (<i>Nymphoides cristata</i>) Control - <i>Corrina Vuillequez, University of Florida</i>
2:00 PM – 2:20 PM	Demonstration of Novel Small Plot Treatments for Controlling Hydrilla on Lake Seminole - <i>Amber Riner, University of Florida</i>
2:20 PM – 2:40 PM	Aquatic Use and Select Non-Aquatic Use Herbicide Efficacy on <i>Vallisneria × pseudorosulata</i> - <i>Maxwell G. Gebhart, Mississippi State University</i>
2:40 PM – 3:00 PM	Aquatic Use and Select Non-Aquatic Use Herbicide Efficacy on <i>Vallisneria spiralis</i> in Mesocosms - <i>Nicholas Engle-Wrye, Mississippi State University</i>
3:00 PM – 3:20 PM	Networking Break (Crystal Ballroom)

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Research Session 3 – (Conference Center)

3:20 PM – 3:40 PM	Efficacy of Five Herbicides on Nuisance Bladderwort (<i>Utricularia radiata</i>) Under Simulated Pond Conditions - <i>Brittany Chesser, Texas A&M University</i>
3:40 PM – 4:00 PM	Screening ecotypes of native Florida SAV species under common nursery conditions - <i>Dr. Lyn Gettys, University of Florida</i>
4:00 PM – 4:20 PM	From Stakeholder Surveys to Tank Trials: Managing Cuban Bulrush Across the Southeastern United States - <i>Patrick Belk, University of Florida</i>
4:20 PM – 4:40 PM	Demonstrating Nutrient Removal Efficiency in Urban Dominated Watershed Using Floating Aquatic Plants. - <i>Saikat Barua, University of Houston</i>
5:00 PM – 6:00 PM	MSAPMS Annual Business Meeting (Conference Center)
6:00 PM – 7:00 PM	Student Networking Event (Fountain Room)
7:00 PM	Dinner (On Your Own)

WEDNESDAY, NOVEMBER 5

7:00 AM – 8:00 AM	Breakfast Provided (Venetian Dining Room)
8:00 AM – 5:00 PM	Exhibit Hall Open (Crystal Ballroom)

Resource Managers Session 1 – (Conference Center)

8:00 AM – 8:20 AM	From Past Failures to Future Successes: Efforts to Establish Aquatic Vegetation in Arkansas - <i>Jeremy Risley, Arkansas GFC</i>
8:20 AM – 8:40 AM	TBD - <i>Graves Lovell, Alabama DCNR</i>
8:40 AM – 9:00 AM	Giant Salvinia's Northward Expansion: An Invasive Threat in Arkansas - <i>Elizabeth Chambers, Arkansas GFC</i>
9:00 AM – 9:20 AM	TBD - <i>Tim McLean, Alabama Power</i>
9:20 AM – 9:40 AM	State of Louisiana Aquatic Plant Management Update - <i>Michael Coulon, Louisiana DWF</i>

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9:40 AM – 10:00 AM Mississippi Aquatic Vegetation Management from a Resource Manager's Point of View - *Buford Lessley, Mississippi WFP*

10:00 AM – 10:20 AM **Networking Break (Crystal Ballroom)**

Industry Session – (Conference Center)

10:20 AM – 10:40 AM Industry Updates - *Platinum and Gold Sponsors*

10:40 AM – 11:40 AM Industry Round Table Discussion

11:40 AM – 1:00 PM Lunch (On Your Own)

Research Session 2 – (Conference Center)

1:00 PM – 1:10 PM Industry Updates - *Platinum and Gold Sponsors*

1:10 PM – 1:30 PM Nutrient Management for Algae Control: Key Nutrient Thresholds Required to Prevent Bloom Formation - *Patrick Goodwin, Natural Lake Biosciences*

1:30 PM – 1:50 PM Using the Adjuvant Topfilm to Improve Herbicide Control of Invasive Aquatic Plants - *Lucia Marshall, Biosorb Inc.*

1:50 PM – 2:10 PM Toxic Waters: Understanding and Addressing Harmful Algal Blooms (HABs) - *Chase Kilgore, SePRO Corporation*

2:10 PM – 2:30 PM TBD

2:30 PM – 2:50 PM Using BioBase Mapping in Aquatic Plant Management? *Jordan Holmes, Aquatic Control Inc.*

2:50 PM – 3:20 PM Networking Break (Crystal Ballroom)

Texas APMS Session – (Conference Center)

3:20 PM – 3:40 PM Understanding Phenology of Invasive Aquatic Plants to Inform Management Initiatives in the United States- *Dr. Gray Turnage, Mississippi State University*

3:40 PM – 4:00 PM Evaluating Liming Formulations for Water Quality Improvement and Clearing Response in Aquatic Systems - *Dr. Todd Sink, Texas A&M University*

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4:00 PM – 4:20 PM	Storm-resilient Floating Mat Systems for aquatic Plant Growth and Wetland Restoration- <i>Nirmal Kumar, Prairie View A&M University</i>
4:20 PM – 4:40 PM	Ecological Benefits and Propagation Strategies of Native Aquatic Plants- <i>Haley Kokel - Fish On Aquatic Plant</i>
4:40 PM – 5:00 PM	Managing Golden Algae Blooms with Non-Herbicide Alternatives: A Mesocosm Evaluation of AC Aqua - <i>Dr. Todd Sink, Texas A&M University</i>
5:00 PM – 6:00 PM	TAPMS Business Meeting (Conference Center)
6:00 PM – 9:00 PM	Awards Banquet Dinner (Venetian Dining Room)

THURSDAY, NOVEMBER 6

7:00 AM – 8:00 AM	Breakfast Provided (Venetian Dining Room)
8:00 AM – 12:00 PM	Exhibit Hall Open (Crystal Ballroom)
Workshop Session 1 – (Conference Center)	
8:00 AM – 9:00 AM	Ecology and Life History of AIS - <i>Dr. John Madsen, JD Madsen Consulting LLC</i>
9:00 AM – 10:00 AM	Environmental Fate and Toxicity of Herbicides Used for Aquatic Plant Control - <i>Dr. Gray Turnage, Mississippi State University</i>
10:00 AM – 10:10 AM	Networking Break (Crystal Ballroom)
Workshop Session 2 – (Conference Center)	
10:10 AM – 11:10 AM	Laws and Regulations around Aquatic Plant Management - <i>Carlton Layne, AERF</i>
11:10 AM – 12:10 PM	Aquatic Herbicide Application Equipment and Calibration - <i>Stephen Turner, Tennessee Valley Authority</i>
12:10 PM – 1:00 PM	Lunch Provided (Crystal Ballroom) + Exhibit Tear Down

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Workshop Session 3 – (Conference Center)

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| 1:00 PM – 2:00 PM | Texas Statewide IPM of Aquatic and Riparian Invasive Species-
<i>John Findeisen - Texas Parks and Wildlife</i> |
| 2:00 PM – 3:00 PM | Vegetation Management on a Large Scale Constructed Wetland
for Water Reuse - <i>T. Wells Shartle - Tarrant Regional Water District</i> |

2:50 PM – 3:00 PM Networking Break (Conference Center Foyer)

Workshop Session 4 – (Conference Center)

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| 3:00 PM – 4:00 PM | Aquatic Herbicide Technology and Safety - <i>Stephen Turner, Tennessee Valley Authority</i> |
| 4:00 PM – 5:00 PM | Hands-on Plant ID Session - <i>Dr. Gray Turnage, Mississippi State University</i> |
| 5:00 PM – 5:10 PM | Day 3 Concluding Remarks |
| 5:30 PM – 7:30 PM | Workshop/Resource Managers Social (Crystal Ballroom) |
| 7:30 PM - | Dinner (On Your Own) |

FRIDAY, NOVEMBER 7

7:00 AM Depart at Leisure