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 - *Stephen Turner, TVA, MSAPM President-elect*
8:10 AM – 8:30 AM	Welcome - Hot Springs City and Chamber Officials
8:30 AM – 8:40 AM	Presidential Address - *Dr. Gray Turnage, MSU, MSAPMS President*
8:40 AM – 9:30 AM	Why Control Aquatic Invasive Plants? -*Dr. John Madsen, JD Madsen Consulting LLC*
9:30 AM – 9:50 AM	AERF Update / AERF-MSAPMS-TVA Plant Camp Update – *Carlton Layne, Aquatic Ecosystem Restoration Foundation*
9:50 AM – 10:00 AM	APMS Update -*Dr. Lyn Gettys, University of Florida*
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 - *Nicholas Engle-Wrye, Mississippi State University*
10:40 AM – 11:00 AM	Preliminary Phenological Trends of *Vallisneria* taxa in North America - *Maxwell G. Gebhart, Mississippi State University*

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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 - *Damar D. Wilson, Prairie View A&M University*
11:20 AM – 11:40 AM	Phytoremediation and Growth Efficiency of Perennial Plants in Simulated Aquatic Environments - *Bhupinder Singh, University of Houston*
11:40 AM – 12:00 PM	Evaluating AC Aqua® as a Sustainable Management Tool for *Microcystis aeruginosa* Blooms in Pond Systems - *Brittany Chesser, Texas A&M University*
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 – *Dr. Gray Turnage, Mississippi State University*
1:20 PM – 1:40 PM	Quantifying the Nutrient-Pollution Impacts of Aquatic Plant Management in Florida - *Anthony Dues Jr., Florida Gulf Coast University*
1:40 PM – 2:00 PM	Reducing Carrier Volume for Crested Floating Heart (*Nymphoides cristata*) Control - *Corrina Vuillequez, University of Florida*
2:00 PM – 2:20 PM	Demonstration of Novel Small Plot Treatments for Controlling Hydrilla on Lake Seminole - *Amber Riner, University of Florida*
2:20 PM – 2:40 PM	Aquatic Use and Select Non-Aquatic Use Herbicide Efficacy on *Vallisneria × pseudorosulata* - *Maxwell G. Gebhart, Mississippi State University*
2:40 PM – 3:00 PM	Aquatic Use and Select Non-Aquatic Use Herbicide Efficacy on *Vallisneria spiralis* in Mesocosms - *Nicholas Engle-Wrye, Mississippi State University*
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 (*Utricularia radiata*) Under Simulated Pond Conditions - *Brittany Chesser, Texas A&M University*
3:40 PM – 4:00 PM	Screening ecotypes of native Florida SAV species under common nursery conditions - *Dr. Lyn Gettys, University of Florida*
4:00 PM – 4:20 PM	From Stakeholder Surveys to Tank Trials: Managing Cuban Bulrush Across the Southeastern United States - *Patrick Belk, University of Florida*
4:20 PM – 4:40 PM	Preliminary Morphological Trends of Vallisneria in North America- *Maxwell G. Gebhart, Mississippi State University*
4:40 PM – 5:00 PM	Vegetative reproduction and productivity of crested floatingheart (*Nymphoides cristata*) - *Dr. Lyn Gettys, University of Florida*
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 - *Jeremy Risley, Arkansas GFC*
8:20 AM – 8:40 AM	State of Alabama Aquatic Plant Management Update - *Graves Lovell, Alabama DCNR*
8:40 AM – 9:00 AM	Giant Salvinia's Northward Expansion: An Invasive Threat in Arkansas - *Elizabeth Chambers, Arkansas GFC*

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9:00 AM – 9:20 AM	Alabama Power Aquatic Plant Management Program Update - *Tim McLean, Alabama Power*
9:20 AM – 9:40 AM	Invasive Aquatic Plant Management in Louisiana - *Michael Coulon, Louisiana DWF*
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)**

Resource Managers 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	Comparative analysis of UAS multispectral sensor derived vegetation indices for assessing emergent aquatic plant control – *Dr. Jonathan Fleming, Samford University*
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)

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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*
4:00 PM – 4:20 PM	Storm-resilient Floating Mat Systems for aquatic Plant Growth and Wetland Restoration- *Nirmal Kumar, Prairie View A&M University*
4:20 PM – 4:40 PM	Ecological Benefits and Propagation Strategies of Native Aquatic Plants- *Haley Kokel - Fish On Aquatic Plant*
4:40 PM – 5:00 PM	Managing Golden Algae Blooms with Non-Herbicide Alternatives: A Mesocosm Evaluation of AC Aqua - *Dr. Todd Sink, Texas A&M University*
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 - *Dr. John Madsen, JD Madsen Consulting LLC*
9:00 AM – 10:00 AM	Environmental Fate and Toxicity of Herbicides Used for Aquatic Plant Control - *Dr. Gray Turnage, Mississippi State University*
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 - *Carlton Layne, AERF*

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11:10 AM – 12:10 PM	Calibrating aquatic herbicide applications to avoid violating federal and state law Dr. John Madsen, JD Madsen LLC
12:10 PM – 1:00 PM	**Lunch Provided (Crystal Ballroom) + Exhibit Tear Down**

Workshop Session 3 – (Conference Center)

1:00 PM – 2:00 PM	Texas Statewide IPM of Aquatic and Riparian Invasive Species- *John Findeisen - Texas Parks and Wildlife*
2:00 PM – 3:00 PM	Vegetation Management on a Large Scale Constructed Wetland for Water Reuse - *T. Wells Shartle - Tarrent Regional Water District*
2:50 PM – 3:00 PM	**Networking Break (Conference Center Foyer)**

Workshop Session 4 – (Conference Center)

3:00 PM – 4:00 PM	Comprehensive Approaches to Safety in Diverse Environments – *Cary Martin, Nutrien*
4:00 PM – 5:00 PM	Hands-on Plant ID Session - *Dr. Gray Turnage, Mississippi State University*
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