

FLMS 2026 Symposium Draft Agenda

Wednesday September 2, 2026

Denotes Student Speaker

Time	Session/Event	Speaker	Presentation Title
8:45 AM - 9:00 AM	Welcome and Opening Remarks		
9:00 AM - 10:00 AM	Keynote Address	Harvey Harper	We've Come a Long Way, Baby!
10:00 AM - 10:30 AM	Morning Break		
10:30 AM - 10:35 AM	Raffle Draw and Session Intro		Restoring Florida's Waters: Science, Strategy, and Success
10:35 AM - 10:50 AM	A1-1	Lori McCloud	Clearing the Murkiness: A Restoration Milestone at Lake Apopka Reveals Insight for Submerged Aquatic Vegetation Re-Establishment
10:50 AM - 11:05 AM	A1-2	Jennifer Mitchell	Benefits of the Lake Apopka North Shore (LANS) in Lake Apopka Water Quality
11:05 AM - 11:20 AM	A1-3	Jim Peterson	Water Management Priorities and Planning for the Ocklawaha River Basin
11:20 AM - 11:35 AM	A1-4	Lance Lumbard	Development and Implementation of a Holistic Restoration Strategy to Improve Water Quality in Starke Lake and Lake Prima Vista.
11:35 AM - 11:50 AM	A1-5	Carolyn Vanzo	Refining SAV Monitoring in Lake Monroe: Integrating Targeted Field Surveys with Spatial Analysis
11:50 AM - 12:00 PM	Session Q&A		
12:00 PM - 2:00 PM	Lunch on your own		
2:00 PM	Raffle Draw, Business Meeting and Session Intro		An Afternoon with LAKEWATCH PT 1
2:15 PM - 2:30 PM	A2-1	Gretchen Lescord	LAKEWATCH volunteer concerns; 40 years of insights and session introduction
2:30 PM - 2:45 PM	A2-2	Celine Lajoie	Drivers of mercury in Florida bass: Insights from multi-decadal monitoring in a coastal blackwater river
2:45 PM - 2:50 PM	A2-3	Dan Willis	A comparison of water chemistry and biotic mercury in two managed urban lakes; the impacts of aluminum sulfate injections
2:50 PM - 3:05 PM	A2-4	Anthony Johnson	Evaluating freshwater wildlife as PFAS biomonitors: a review of current literature
3:05 PM - 3:15 PM	Session Q&A		
3:15 PM - 3:55 PM	Afternoon Break		
3:55 PM - 4:00 PM	Raffle Draw and Session Intro		An Afternoon with LAKEWATCH PT 2
4:00 PM - 4:05 PM	A3-1	Thomas McManus	Analytical method verification for simultaneous analysis of total nitrogen and phosphorus in environmental water samples"? Note this title may change slightly!
4:05 PM - 4:20 PM	A3-2	Baylor Lynch	Subtropical Lake Food Webs: tracing ecological pathways in Florida.
4:20 PM - 4:25 PM	A3-3	Noah Peterson	An ecological assessment of Asian swamp eel impacts on lacustrine food webs in Florida
4:25 PM - 4:40 PM	A3-4	Liz Moreau	Exploring volunteer motivations and values in a long-term citizen science program: Insights from Florida LAKEWATCH
4:40 PM - 4:50 PM	Session Q&A		

Thursday September 3, 2026

Denotes Student Speaker

Start Time	Session/Event	Speaker	Presentation Title
8:45 AM - 9:00 AM	Welcome and Opening Remarks		
9:00 AM - 10:00 AM	Keynote Speaker	Mike Allen Ph.D.	Lessons Learned through Collaborations in Florida's Freshwater and Marine Systems
10:00 AM - 10:30 AM	Morning Break		
10:30 AM - 10:35 AM	Raffle Draw and Session Intro		Processes Shaping Water Quality in the St. John's River
10:35 AM - 10:50 AM	A4-1	Andy Canion	Internal P-recycling in St. Johns River Lakes: Mechanisms, Magnitude, and Management
10:50 AM - 11:05 AM	A4-2	Erich Marzolf	The Implications of Biosolids Management in the St. Johns River Watershed
11:05 AM - 11:20 AM	A4-3	Shannon Salvatori	Predicting Sediment Oxygen Demand and Its Spatial Variability in the St. Johns River, FL
11:20 AM - 11:35 AM	A4-4	Tracey Schafer	Benthic Biogeochemistry in Upper St Johns River Basin Lakes: Implications for Algal Bloom Proliferation
11:35 AM - 11:50 AM	A4-5	Dean Dobberfuhl	The Nature of Light in the St. Johns River: Are We Just Too Dim?
11:50 AM - 12:00 PM	Session Q&A		
12:00 PM - 1:30 PM	Lunch/Awards Banquet		
1:30 PM - 1:35 PM	Raffle Draw and Session Intro		Watershed Nutrient Dynamics and Source Identification
1:35 PM - 2:05 PM	A5-1	Dave Tomasko/Jennifer Hecker	An evaluation of the relationships between the duration of red tide (<i>Karenia brevis</i>) and watershed nitrogen loads in Southwest Florida (USA).
2:05 PM - 2:20 PM	A5-2	Melanie Howarter	Engaging Homeowners Associations in Stormwater Pond Monitoring and Best Management Practices to Improve Water Quality in the Indian River Lagoon
2:20 PM - 2:35 PM	A5-3	Don Duke	Fecal Bacteria Source Assessment: Confounding Factors in Florida Tidal Freshwater Streams
2:35 PM - 2:45 PM	Session Q&A		
Freshwater Concurrent Session			
2:45 PM - 2:50 PM	Raffle Draw and Session Intro		Hydrogen Peroxide for Algal Control
2:50 PM - 3:05 PM	A6-1	Hidetoshi Urakawa	Effectiveness and Ecological Implications of Hydrogen Peroxide for Cyanobacterial Bloom Control
3:05 PM - 3:20 PM	A6-2	Bethany Ryder	Hydrogen Peroxide Treatment and Flow Regulation for Early Bloom Mitigation in the Caloosahatchee River
3:20 PM - 3:35 PM	A6-3	David Rue	Mesocosm Evaluation of a Combined Hydrogen Peroxide and L-lysine Treatment for Toxic Cyanobacteria Removal
3:35 PM - 3:45 PM	Session Q&A		
3:45 PM - 4:20 PM	Afternoon Break		
4:20 PM - 4:25 PM	Raffle Draw and Session Intro		Advances in Aquatic Monitoring and Assessment
4:25 PM - 4:40 PM	A7-1	Ayesha Malligai M.	Classification of aquatic macrophytes in Florida lakes using machine learning and multi-resolution satellite imagery
4:40 PM - 4:55 PM	A7-2	Nia Wellendorf	DEP Quality Assurance Requirements and Updates
4:55 PM - 5:10 PM	A7-3	Hannah Knotts	Exploring Sentinel-2 performance for stormwater pond water quality monitoring.
5:10 PM - 5:20 PM	Session Q&A		

Thursday September 3, 2026

Denotes Student Speaker

Estuarine Concurrent Session

Start Time	Session/Event	Speaker	Presentation Title
2:45 PM - 2:50 PM	Raffle Draw and Session Intro		Integrated Approaches to Coastal Water and Resource Management
2:50 PM - 3:05 PM	B1-1	Michael Wessel	Nutrient Source Tracking in A Coastal Urban Watershed in Pinellas County, Florida
3:05 PM - 3:20 PM	B1-2	John LaBar	Growth Response of Dune Vegetation to Varied Sand Substrates and Fertilization: Implications for Coastal Restoration
3:20 PM - 3:35 PM	B1-3	Dana Stephens	Festival Favorites: Measuring the Economic Impact of Community Fishing Events
3:35 PM - 3:45 PM	Session Q&A		
3:45 PM - 4:20 PM	Afternoon Break		
4:20 PM - 4:25 PM	Raffle Draw and Session Intro		Coastal Systems in Transition: Management Evolution and Nature Based Solutions
4:25 PM - 4:40 PM	B2-1	Marcus Beck	Interrogating long-standing management paradigms for Tampa Bay: Is the status quo good enough?
4:40 PM - 4:55 PM	B2-2	Emma Dontis	Living Shorelines – Constructing Coasts that Work!
4:55 PM - 5:10 PM	B2-3	Leesa Souto	TBD
5:10 PM - 5:20 PM	Session Q&A		

Friday September 4, 2026

8:45 AM	Announcements		
8:55 AM	Raffle Draw and Session Intro		Managing Nutrients, Natural Systems, and Urban Sustainability
9:00 AM - 9:15 AM	A8-1	Kaili Stephens and Alex Darr	From Vision to Implementation: Advancing Urban Resilience Through the City of Winter Park's Natural Resources & Sustainability Program
9:15 AM - 9:30 AM	A8-2	Andrew Hood	Phosphorus Septic Loads to Surface Water, IT'S MORE THAN WE THINK! Adapting a septic nitrogen load model (ArcNLET) for Phosphorus and how it resulted in more septic-to-sewer credit.
9:30 AM - 9:45 AM	A8-3	Tiffany Trent	A Closer Look at Native Apple Snail Hydrology in Water Conservation Area 3A.
9:45 AM - 10:00 AM	A8-4	Emily Hartdegen	Shoreline Hardening- a regulatory assessment and recommendations for Orange County's inland lakes
10:00 AM - 10:10 AM	Session Q&A		
10:10 AM - 10:40 AM	Morning Break		
10:40 AM - 10:45 AM	Raffle Draw and Session Intro		Science Driven Solutions for Resilient Watersheds
10:45 AM - 11:00 AM	A9-1	Polly Barrowman	Standard Methods Update for Cyanobacteria and their Metabolites
11:00 AM - 11:15 AM	A9-2	Nicole Hughes and Heather Lindell	Steering the Outcome: Proactive FDEP Data Review and 4e Collaboration for Smarter Water Quality Management
11:15 AM - 11:30 AM	A9-3	Dan Schmutz	The Statistical Road Less Traveled in Water Resources: Improving Your Nonparametric Linear Trend Lines
11:30 AM - 11:40 AM	Session Q&A		

11:40 AM - 12:00 PM

Student Awards and
Closing Remarks

