



www.FLMS.net Winter 2022-23

Florida Lake Management Society
Supporting Aquatic Sciences & Resources

Message from the President



FLMS President, Eesa Ali

Supporting aquatic resources since 1987

I would like to express gratitude to our members, board members, our executive director Maryann Krisovitch, our outgoing president Gloria Eby, our past president Rob Burnes, our treasurer Dan Schmutz, and our vice president Tiffany Trent for their hard work in making this professional organization a success. It is not lost on me that we are all standing on the shoulders of giants that came before this iteration of the FLMS community. I would also like to express gratitude to my employer and FLMS sponsor Flatwoods Consulting Group, for allowing me the time and space to work for FLMS. FLMS could use more public and private employers stepping up and supporting the work of FLMS and its members.

We will be celebrating the 50th anniversary of the passing of the Clean Waters Act and the FLMS 34th anniversary at our 2023 FLMS Technical Symposium in Hawks Cay, Duck Key. The CWA was the result of robust work of the scientific community and activism of an informed citizenry. While we have enjoyed many successes because of this law, our waterways, wildlife, regulatory institutions, and economy are facing threats despite popular support for environmental protections.

Given that Florida will almost always see positive net migration and robust tourism, both driven by our natural resources and climate, one would think that these values would be reflected in how the State tackles climate change, sea level rise, urban sprawl, and transportation. What we need is more community engagement. We are encouraging you, our members, to utilize our professional association to pool resources and team up to produce outreach materials in every conceivable format. We are encouraging you, our members, to not only participate on the board or attend the annual symposium, but to also join a committee, teach a public workshop, and help organize regular chapter workshops.

We look forward to seeing everyone's faces at the Technical Symposium in August 2023!!

Your President, *Eesa Ali*

Looking Back at FLMS 2022 in Bonita Springs

What an educational and fun-filled week we had at our 2022 symposium in Bonita Springs! With an emphasis on springs awareness and protection, we had presenters from over a dozen state organizations, and even some retirees! Overall, FLMS attendees represented over 50 different public, private and community organizations. Our workshops included Algal ID, Trend & Time Series Analysis with R, and Oxygenation. FLMS also hosted a “sold-out” citizen science evening for members of the community to share their lake management stories. Thursday evening’s main event was the H2O-lympics Student Scholarship Fundraiser. 20 teams competed in wacky water wars with West Bishop & Colin Kirk taking home the 1st place trophy, a 3-D print of Lake Okeechobee. (notice 5 W’s in a row?!)



Technical Session



Dana Stephens, Eesa Ali, Dawn Ritter announcing Dawn's 2020 Young Professional Award in person instead of virtually!



Casey Fitzgerald during the Ocklawaha session.



Dan Schmutz presenting the popular R workshop.



Passing of the gavel from outgoing Pres Gloria Eby to incoming Pres Eesa Ali.



Tuesday evening Student Meet & Greet.



Citizen Science Workshop with Ernesto Lasso de la Vega.



Awards Banquet Luncheon





Award Recipients of 2022!



Every year, the FLMS board receives nominations for awards to distinguished members of the FLMS society and our community for their various contributions to Florida's natural resources. Congratulations to our Winners!!

Category

Recipient

Marjorie Carr Award

Highest honor given for a lifetime of work on Florida's natural resources

Robert Mattson

Edward Deevey, Jr Award

Contribution to our scientific understanding of Florida's water bodies

John Hendrickson

Scott Driver Award

Environmental advocate who has promoted restoration, protection, or appreciation of Florida's aquatic resources

Chuck O'Neal

Richard Coleman Aquatic Resources Award

Professional who has worked to restore, protect, or advance our understanding of Florida's aquatic resources

Troy Attaway

Marjory Stoneman Douglas Award

Individuals in the media who report on aquatic resources

Audacity

Bob Graham Award

A person elected to office who demonstrates a commitment to lake and aquatic resource recognition

Peter Simmons

Dr. Daniel E. Canfield, Jr. Volunteerism Award

A volunteer organization or outstanding individual for significant contributions to the research, restoration, or preservation of our water resources

Lake Cane Restoration Society

Marissa L. Williams Young Professional Award

A young lake management professional who exhibits exemplary professional accomplishments and a commitment to water resource protection and management of our lakes and watersheds

Dana Dettmar

Read a little on the next page about some of our very accomplished awardees!



Rob Mattson, certified senior ecologist, spent a combination of 33 years with both the Suwannee River and St Johns River Water Management Districts. During his tenure with the Districts, Rob has been both an expert and a champion for Springs related issues and developed detailed studies with multiple agencies on the Collaborative Research Initiative on Sustainability and Protection of Springs project. He has served as both a public resource in outreach awareness, a technical expert, and an adjunct professor at St Johns River State College. Rob has produced a combination of over 15 peer-reviewed and District technical papers, in addition to multiple talks at conferences and public meetings. His career-long dedication to Florida's aquatic natural resources has earned him this year's Marjorie Carr Award!



John Hendrickson has given over 30 years of service to advancing science in the State of Florida with the St Johns River Water Management District. Beginning in the 1980s, he led the District-wide surface water quality sampling program and helped secure grants for program expansion. John pioneered satellite remote sensing, continuous monitoring, and algal toxin analysis technologies at the District to enhance understanding of water quality and worked tirelessly with other state agencies to establish TMDLs and SWIM programs. Even in retirement, John generously donates his time and expertise to not-for-profit environmental causes. His influence, mentorship, and continued quest for advancing science has earned him this year's Edward Deevey, Jr. Award!



Dana Dettmar earned her master's degree from Florida Gulf Coast University. She has been a part of the City of Sanibel's natural resources team since 2015 and risen from conservation officer to one of the city's two environmental biologists. She can often be seen giving presentations related to local water quality in council meetings. Dana is also known for the golf course report card program and the Sanibel Communities for Clean Water program, among others. She is a former FLMS student grant recipient. Her dedication has earned her this year Marissa L Williams Young Professional Award!



Troy Attaway received his Bachelor's degree in environmental engineering from the University of Central Florida. As the City of Winter Park Director of Public Works for 20 years, Troy gained vast experience in design and operation of stormwater drainage and treatment systems, roadway networks, contract management, site development and program management. Troy has just retired and his goal is to use his 30+ year career experience to help engineers, developers, property managers and homeowners solve problems encountered related to site development, drainage, permitting, water intrusion, lake and water quality. Troy's continued commitment to spreading the knowledge of water resources has earned him this year's Richard Coleman Aquatic Resources Award!

Remembering Dean G. Barber

Dean is a recipient of the Florida Lake Management Society Marjorie Carr Award, the Society's highest award, given for lifetime work on behalf of Florida's aquatic resources. After 34 years of service, Dean retired from the State of Florida in 2006 as a regional Biological Administrator mentoring many previous and current Invasive Plant Management (IPM) biologists. In retirement, Dean continued his passion for shepherding Florida's natural resources, volunteering, and contracting with Seminole County. Sadly, Dean passed away at his home on December 22, 2022 after a brief illness.



Dean enlisted in the U.S. Navy in 1964, where he served on the USS Cochrane as a Sonar Operator during 4 cruises to Vietnam, earning amongst several awards the Vietnam Service Medal with three bronze stars. He transitioned to the U.S. Naval Reserves in 1968, and continued a reserve capacity to work with the Navy's Mobile Inshore Undersea Warfare Units (MIUWUs). Dean and his unit were activated in November 2000 following the bombing of the USS Cole in Yemen, and he remained in an Active

status for the better part of the next 3-½ years supporting Port Security efforts in the United Arab Emirates, Spain, and several other overseas ports during the Global War on Terror. Enlisting as a Seaman Recruit (E-1), Dean promoted to Senior Chief Petty Officer (E-8), transitioned to Warrant Officer and promoted to Chief Warrant Officer 2 (CWO-2), then commissioned into the Officer corps and promoted to the rank of Commander (O-5). Dean retired in 2004, having served the Navy and his country for 40 years and 4 days.



Upon leaving active duty Navy service in 1968, Dean attended the University of South Florida, graduating in 1972 with a Bachelor's Degree in Biology. He immediately began working for the State of Florida as a Biologist in the Department of Environmental Protection, where his work would range over the next four decades from studying rock shrimp and lobster migration to native and invasive aquatic plants.

Dean had a tremendous civic passion- instilling throughout our region the importance of becoming lake stewards and changing the culture for so many lake communities. He saw the importance of citizen scientists. He worked greatly with citizens and through his leadership, he created a legacy of stewards! He enjoyed how it gave purpose to others, including himself.



Dean successfully passed on his passion for service to the family. Daniel became an Aquatic Biologist with Seminole County and is an Eagle Scout. Daniel volunteered with his Dad in countless restoration events since he was a child. Dean and Daniel had the unique opportunity to work in the field together for the last years of Dean's life- sharing institutional knowledge and wisdom. Forrest is serving as an Officer in the Navy.

In addition to his passion for the military and environmental protection, Dean was an avid SCUBA diver, world traveler, Boy Scout leader, bicyclist, gardener, and life-long learner.

It was an HONOR to work with Dean, an HONOR to have known him, and an HONOR to have been his friend.

On behalf of the Florida Lake Management Society Board, the Love Your Lake Grant has been renamed as the Dean G. Barber Love Your Lake Grant. *You will be missed Dean!*



FLMS 2022 Student Award Recipients

Each year, through the generosity of our FLMS members, the Society is able to provide up to ten students a full symposium experience including registration, room and board. The scholarship is open to both graduate and undergrad students, but is not limited to just Florida schools. Students either give an oral presentation or present a poster during the symposium. Assigned judges determine a first, second and third monetary place award for oral presentations and first place for poster submissions. Here are our 2022 award winners!



L-R Eesa Ali, Michael Kratz, Jason Danaher

First place: Michael Kratz Florida Gulf Coast University

Presentation: *Employing Sucralose, Stable Isotopes, Microbial Communities, and Modern Statistical Methods to Determine Sources of Fecal Indicator Bacteria in a Florida River*



Second place: Audrey Goeckner University of Florida

Presentation: *Evaluating Ecosystem Services of Urban Stormwater Ponds*



L-R Eesa Ali, Audrey Goeckner, Jason Danaher



L-R Eesa Ali, Savanna Wooten, Jason Danaher

Third place: Savanna Wooten Auburn University

Presentation: *A Paleolimnological Approach to Identifying Management Signatures in Urban Florida Lakes*



Poster Winner: Susan Iott Auburn University

Poster: *Banana Lake: The Efficacy of Dredging to Manage Eutrophication*



L-R Eesa Ali, Susan Iott, Jason Danaher

FLMS 2023 Venue Change: Making Key Limes out of Lemons

Our original plans for Panama City unfortunately fell through, but the silver lining is that Hawk's Cay in Duck Key is back on! Dates are August 29th – September 1st. [The Call for Abstracts is out.](#) **Your placeholder abstract is due April 1st and your final abstract is due June 1st.** Call for Exhibitors and Sponsors and Individual Registration will open in February. But we haven't forgotten about you in the panhandle! The FLMS Programming Committee is working on an additional conference up your way! Stayed tuned for details!



Notes

Plans are in the works for a local area workshop in mid-April at Brooker Creek. Stand by for updates!



FLMS has earned the Gold Seal of Transparency with Guidestar!

GuideStar is the world's largest source of information on nonprofit organizations. It gathers and provides access to the most comprehensive, up-to-date, and accurate nonprofit information available. This enables donors to find and match with FLMS faster and easier.

Check out our career page! We update it regularly with positions from around the state: <https://flms.net/announcements-2/job-openings/>

Did you know that FLMS sponsors innovative lake projects for up to \$5,000?? Check out our Dean G. Barber Love your Lakes grant application at: <https://flms.net/grants/love-your-lake-program/>



Thank you 2023
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sponsors!



Our Mission

The mission of the Florida Lake Management Society is to promote protection, enhancement, conservation, restoration, and management of Florida's aquatic resources; provide a forum for education and information exchange; and advocate environmentally sound and economically feasible lake and aquatic resource management for the citizens of Florida.