



FLMS Newsletter

www.FLMS.net Spring 2024

Florida Lake Management Society
Managing Florida's Water Resources

Message from the President



FLMS President, Tiffany Trent

Hello FLMS family!

We hope your 2024 is off to a wonderful start! I want to extend my gratitude to all our members for their continued participation in our organization. Your support allows us continued outreach into our communities, funding for lake and shoreline restorations, and collaboration with fellow scientists at our conferences. It is such a personal joy for me to see so many acquaintances and friends I've made over the years at our gatherings.

Our next conference's theme is Celebrating Resilience in Aquatic Resource Management. We have so many success stories in our state over the decades. Some of the more prominent ones include a 90% reduction in phosphorus in the Everglades over the last 20 years, Roberts Bay in southwest Florida being removed from the DEP nutrient impairment list, and a 400 square mile restoration area in Tampa Bay. All of these projects, and countless more, are the result of determined local government organizations, environmental groups, state agencies, businesses, and dedicated individuals toward a common goal. I wanted to impress a reminder to everyone, particularly our young and upcoming scientists, that these hard-earned results don't just happen overnight. They come after soul-sacrificing work and disheartening failures. It can be especially discouraging and frustrating when our government puts profits over people and our state resources. But with perseverance comes results, and our state's great water resources are well worth the fight! Thank you all for everything you do for our state!

*Your President,
Tiffany Trent*

FLMS 35th Annual Symposium & Workshops

PROGRAM THEME

“Celebrating Resilience in Aquatic Resource Management.”

SYMPOSIUM & WORKSHOP DATES

[Workshops](#) – Tuesday, August 27, 2024

[Technical Sessions](#) – Wednesday-Friday, August 28 – 30, 2024

ABSTRACTS REMINDER

Acceptance of papers has been emailed. If you have any questions or haven't heard back yet, please contact our Program Chair, Rob Burnes at rburnes@pinellas.gov. Didn't get yours in on time but still want to submit? We have room for your oral or poster presentation, contact Rob! Your full **abstract is due May 1** and may be submitted via our website at <https://flms.net/annual-symposium/call-for-abstracts/>

EXHIBITORS & SPONSORS

Put your products and services in front of the people who use them! You will have a full two and a half days of face-to-face communication. Not to mention that we couldn't offer this much excellence without YOU! Sponsor and exhibit with FLMS today at <https://flms.net/annual-symposium/exhibitors-sponsors/>

INDIVIDUAL REGISTRATION

	Early Bird (ends 8/10/24)	Regular Rates (8/11-9/1/24)
3-day symposium	\$399	\$449
Tuesday half day workshop	\$50	\$75
Tuesday full day workshop	\$100	\$125
Wednesday or Thursday only	\$229 each	\$279 each
Friday only	\$99	\$139

HOTEL RESERVATIONS

Hyatt Regency Coconut Point

5001 Coconut Road, Bonita Springs, Florida

Room rate: \$204/night Room block cutoff date is August 4, 2024.

[Click for the online room reservation link.](#)



FLMS Inaugural Photo Contest Winners

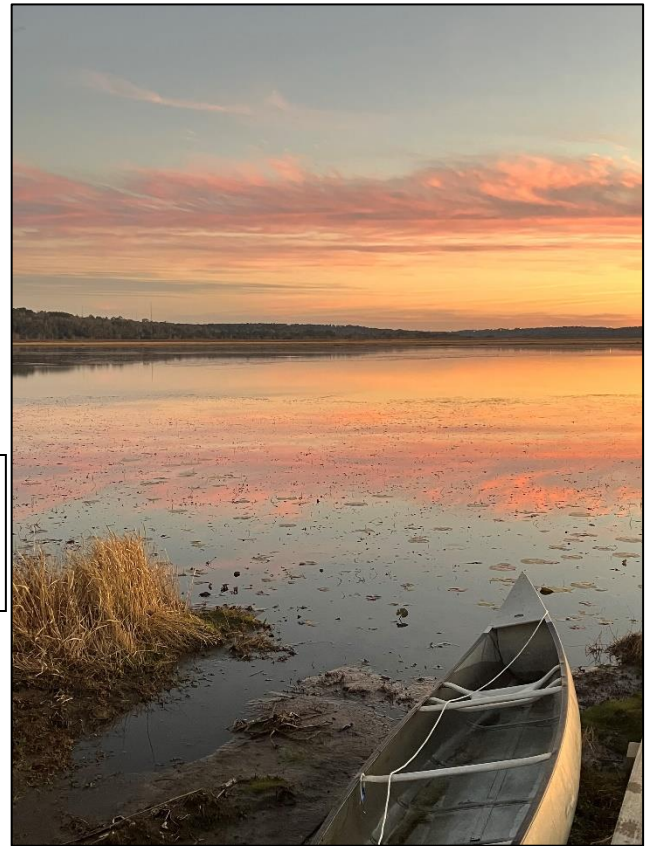
FLMS held its first ever photo contest last fall. The contest is intended to engage the public and raise awareness for Florida's natural aquatic resources, particularly its lakes. We had many great entries, but here are the winners!



First Place
Dana Dettmar
Submerged Gator

Key an eye on FLMS social media over the coming months for more entries!

Second Place
Caitlyn Snyder
Finishing the Day



Third Place
David Hansen
Dune Lake at Topsail Hill Preserve

Another Exotic Invader

Florida is famous for our number of exotic (non-native) plant and animal species. Our warm weather, long growing season, and desirable destination make our state highly susceptible for exotic species to take hold and sometimes push out our native species. One of the newest additions to this list is the highly invasive Giant Salvinia (*Salvinia molesta*), which has just been reported in the Jacksonville area. We'd very much like for this plant to stay out of the St Johns River, so please be on the lookout! Early Detection Rapid Response (EDRR) is the best way to stop the spread. For more information on reporting sightings of this plant, please visit

<https://www.news4jax.com/weather/2023/11/09/invasive-weed-alert/>.

How to identify giant versus common salvinia



Giant salvinia (*Salvinia molesta*)



Note "egg-beater" shaped leaf hairs

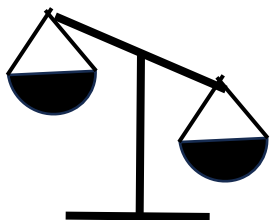
- Large, vertical leaves
- Folded plant form
- Forms thick mats

Common salvinia (*Salvinia minima*)



Note open, branched leaf hairs

- Small, horizontal leaves
- Flat plant form
- Mat often single layer



An ounce of prevention is worth a pound of cure!

Remembering a Friend – Dr. Robert (Skip) Livingston



Our friend and colleague Dr. Robert (Skip) Livingston passed away on March 1st. He was 86. He and his wife Mimi were married for 62 years. How did he get the nickname Skip? His Uncle Robby named him Skippy when he was a baby and the name stuck!

Skip was Professor Emeritus of the Department of Biological Science, Florida State University. He worked as a field ecologist for over 53 years in a series of aquatic systems of the southeastern United States. His overall research effort has involved continuous, long-term analyses of lakes, rivers and coastal systems along the Gulf and Atlantic coasts. His team has completed ontological feeding analyses on many of the fresh water and marine fishes and invertebrates that have been transformed into detailed trophic models for the various aquatic ecosystems under study. A 43-year ecosystem-level database has been coupled with laboratory and field experimentation to evaluate how aquatic systems work and how they are affected by human activities.

Skip was instrumental in saving the Black Mangrove swamps throughout Florida as well as help win the first landmark environmental cases against the United States Navy to force the cleanup of the small island of Vieques used as a naval weapons training range since WW II.

Skip has been extremely productive since 1970. He has been the principal investigator on more than 100 projects and has authored 8 books, more than 170 scientific papers, and numerous technical reports. Dr. Livingston has served as the director of the Center for Aquatic Research and Resource Management at the University of Florida. Dr. Livingston has graduated 47 graduate students (M.S., Ph. D.) whose research was based on behavioral and physiological ecology of individual aquatic populations and communities.

He has published a series of books and peer-reviewed scientific papers on his research. A more recent book, *Climate Effects on Coastal Ecosystems*, was published by CRC press in 2016. The main theme of his book includes climate change, climate change effects, and eutrophication. The book has incorporated a climate database of more than 40 years and has provided a narrative on how climate change affects anthropogenic nutrient loading and biotic responses, in particular Apalachee Bay, Apalachicola Bay and Perdido Bay.

Skip was a great supporter of the Florida Lake Management Society and was our keynote speaker in June 2016. He will be missed but his great work lives on.

Did you know...



That FLMS gives money away for the improvement and restoration of Florida Lakes?? That's right! Free money if you are the selected applicant for our Love Your Lakes Grant! Check out our website for more info! Here is an update on one of our recent recipients.

In 2020, Lake Cane Restoration Society, or LCRS (LakeCane.org), was 1 of 2 recipients awarded a \$2,500 grant for their restoration efforts in Lakes Cane, Odell, and Floy, in Central Florida. With help from FLMS, they were able to plant over 4,200 plants including:

- Pickerelweed (1,500)
- Blue Flag Iris (800)
- Yellow Cane (500)
- Arrowhead (900)
- Thalia (400)
- Spikerush (300)
- And many more!!



A Community Effort!



There were many people who helped with this effort! LCRS and the residents worked together for the planting on the residents' properties. With frequent and lengthy meetings, everyone agreed on terms and times for planting over the course of many months. Maintaining these plantings require continued effort from residents as well as LCRS. The shoreline needs additional planting in a variety of spaces. This will fortify recently planted areas, strengthening absorptive ability of these new patches of deep-rooted plants.

In 2022, LCRS was awarded FLMS Daniel Canfield Volunteerism Award for their efforts.

Congratulations LCRS and partners on a job well done and funding well spent!



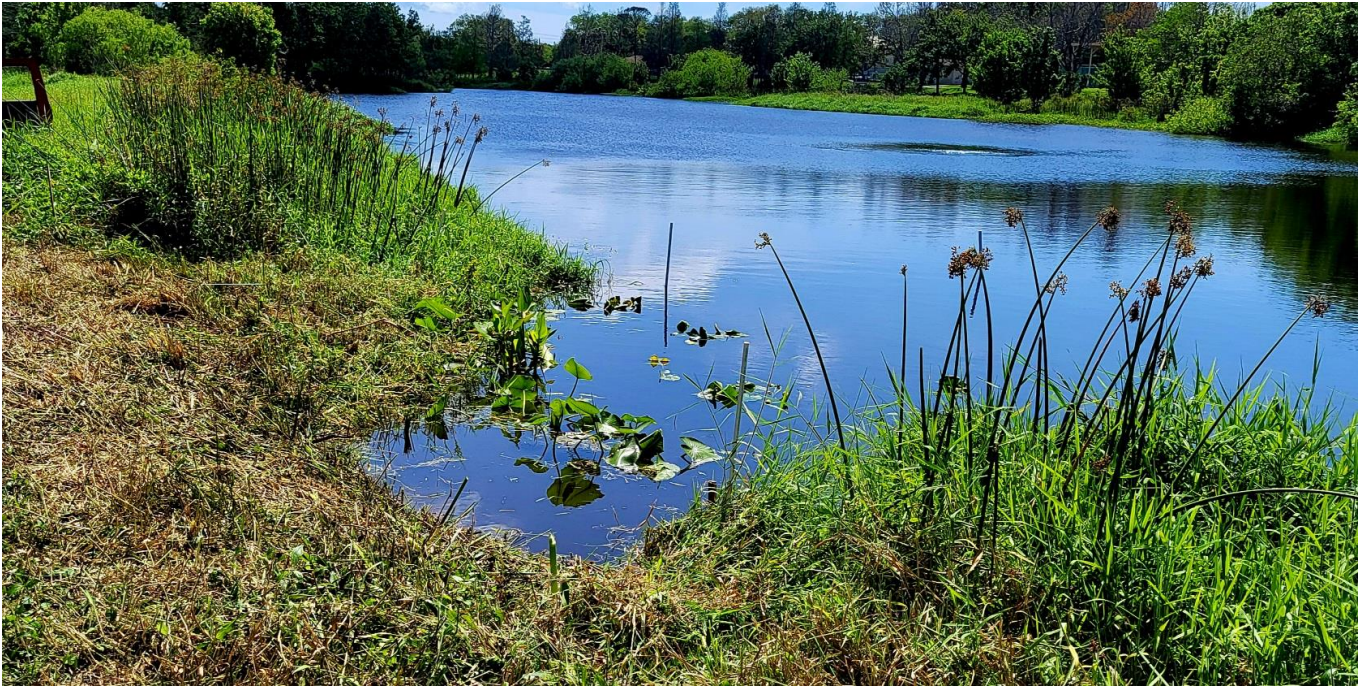
Keep Pinellas Beautiful

On March 23rd, Keep Pinellas Beautiful hosted a planting event at Jungle Lake in St Petersburg. A floating wetland island with 540 natives was deployed in the lake, and 36 spatterdocks were planted in the lake bottom. In August 2023, KPB was awarded the FLMS Daniel Canfield Volunteerism Award!



Volunteers at Jungle Lake





Invasive shoreline weeds were removed 15 feet out in the lake, revealing spatterdocks underneath.

Membership

2023-2024 New & Renewing Members

Jim Myles – DB Environmental

Brett Hicks – Pasco County Mosquito Control

Andre van den Berg – Landshore Enterprises, LLC

James Bays – Stewards of Our Urban Lakes, Inc.

John Sutton – Kimley-Horn

Did you know? When you attend the annual symposium, your membership is automatically renewed!

Be Social with FLMS!

Instagram @FLMS87

Facebook @FloridaLakeMgmtSociety

LinkedIn @FLMS

Twitter @FLMS16

Got an Opening? Looking for a new gig?

Check out our Career page! We update it regularly with positions from around the state. Submit yours to Maryann@FLMS.net

<https://flms.net/announcements-2/job-openings/>

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.