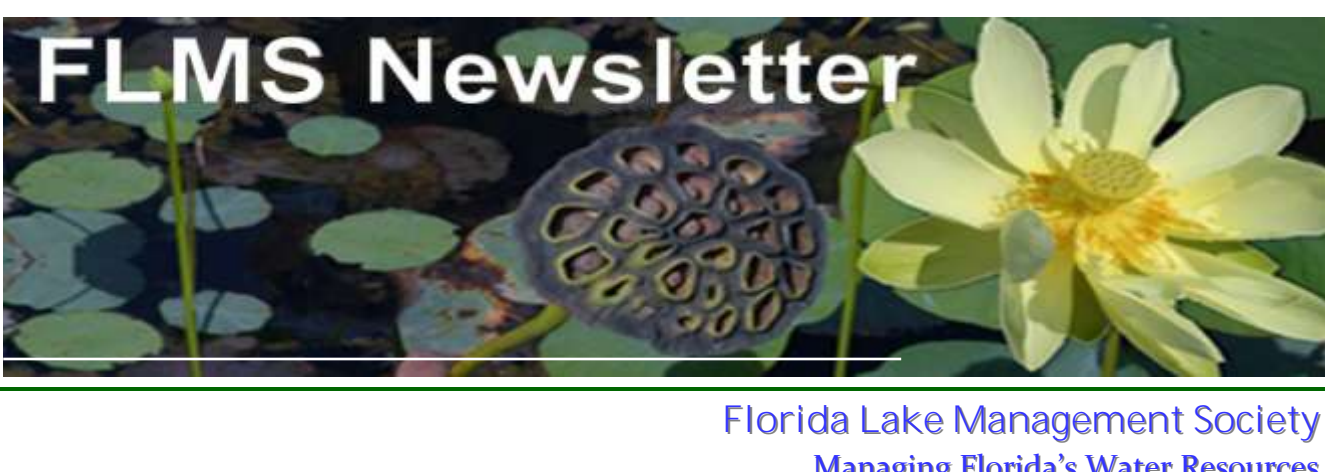




FLMS.net Spring 2014



Florida Lake Management Society
Managing Florida's Water Resources

PRESIDENT'S MESSAGE

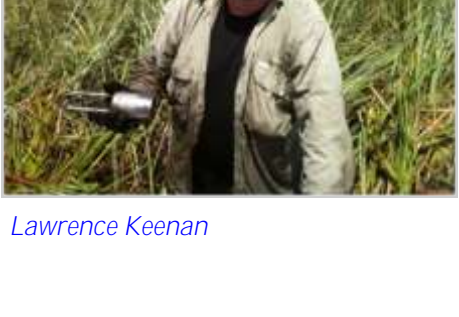


Jennifer Sagan exploring Florida's water resources

We are only three months away from the June 2014 FLMS symposium! This particular meeting is significant because it represents the 25th Anniversary of the Florida Lake Management Society. The germ of the idea to create a Florida chapter of NALMS was planted at the 1987 NALMS conference in Orlando. We celebrate the final realization of that vision at this year's symposium. As always we will have a diverse range of topical sessions including Springs Restoration, a special session on the Indian River Lagoon, Urban Pond Management, Updates on Nutrient Criteria and Non-native Aquatic Species Management to name a few. We will also be providing a full day of workshops on Monday June 16th AND we have made available a variety of opportunities to obtain CEU credits from the symposium. I look forward to seeing you in June!

Jennifer Sagan

Meet Your FLMS Vice President: Lawrence Keenan



Lawrence Keenan

How long have you been a FLMS member? Well, I've been on the board or the executive committee for five years. That was about two years after joining FLMS so it should be about seven years. But I started with my membership in NALMS way back in the 1980's as a graduate student.

Why is FLMS important to you? I'll try and keep it short because it is important on so many levels. First is the quality of my fellow members: inclusive, bright, and giving. No one stays a stranger at a FLMS function for long. Plus, there are great networking opportunities with the people that have the cutting-edge practical information, methods, and products and the experience. Also, FLMS is focused on educating and helping the public improve lakes and watersheds with workshops, providing technical symposiums, and making small project grants. This dedication to community participation, making science assessable to all people, is what distinguishes NALMS and FLMS from other societies.

Who do you work for and what do you do for your living? I work for the St. Johns River Water Management District, which covers the northeast quarter of Florida, from Vero Beach to the Georgia border and over to Orlando. We help manage water withdrawals, drainage and detention/retention systems, do flood control, restoration of drained lands, and rehabilitation of impaired waters.

Personally, I wear a lot of different hats depending on the problems that need to be addressed. For instance, three years ago I was modeling the biogeochemistry on the Water Supply Impact Study of removing water from the St. Johns River. Right now, I am working on the District Springs Initiative and how nitrogen loading and chemical transformations in the soils change with land use and soil type. In general, I am a water quality modeler with a lot of wetland biogeochemistry thrown in the mix.

What is your experience and how has it helped in your work? I arrived at the District 23 years ago, straight out of graduate school, before I had completed my Ph.D. dissertation. I was hired to help develop the methods for Minimum Flows and Levels, starting with the Wekiva River. We were forced to "think out of the box" because there was no box. We had six months from start to finish and it seems like I've always had going at break-neck speed on every project ever since.

Two years later I moved to the Upper St. Johns River Basin (USJRB) to manage the water quality portion of the program. The USJRB is the best kept secret of natural and restored wetlands, river, and lakes in Florida. About 500,000 acres with about 50 miles of open water to canoe, kayak, boat, fish, hunt, etc. and dozens of mile of walking and biking paths. (see www.floridaswater.com).

What is the largest single problem facing lake managers today, other than financial issues? The obvious answer would be climate change but I don't believe the average Lake Manager will be dealing with that over next several years. To me, the single largest problem is invasive species. New and more disruptive species are showing up every year in freshwater, terrestrial, and marine environments. And this will get worse as the climate gets warmer: increasing the range of tropical and Neotropical species. But right now, to many Lake Managers, invasive species are an expensive problem.

Any hobbies in your off hours that you would like to mention? Boy Scouts, yep, still a kid a heart. Camping, canoeing, cooking, fishing... what's not to love. And now the Scouts have Coed high adventure "Venture" crews for youths 14 and older. By the way, if you have any conservation/rehabilitation work, contact your local scout troops. They do conservation and public service projects all the time. They are a great source for volunteers

Is there anything else you would like to share with FLMS members? Get out and spread the word. We are here to help educate everyone: come to the least expensive, most applicable technical symposium around: come to our free or nominal charge workshops to get the information you need. And you can find the schedules on www.flms.com.

Abstract Deadline Extended for FLMS 25th Anniversary Technical Symposium



Hutchinson Island Marriott

The deadline for submitting your abstract for this year's Florida Lake Management Society Symposium has been extended to April 15th! So now you have time to get your taxes finished AND submit your abstract to [Dr. Jim Griffin at jimgriffin@usf.edu](mailto:DrJimGriffin@usf.edu). To view the full revised abstract submission requirements, [click here](#) or visit our website at FLMS.net. Registration is now open as well!

Hutchinson Island Marriott Resort is a 200-acre tropical island retreat conveniently located just 45 minutes from Palm Beach International Airport. Nestled between the Atlantic Ocean and Inter-coastal Waterway, the resort is filled with inspiring views, spectacular recreation options and trusted Marriott service. This hotel has 274 luxurious guest rooms newly renovated standard rooms, studios and suites, 25,000 square feet of function space and attentive professional staff. Amenities include a restaurant and bar, two tiki bars, executive golf course, tennis, marina and the beautiful sandy beach! www.MarriottHutchinsonIsland.com

Meet A FLMS Member: Mike Britt



Mike Britt

How long have you been a FLMS member? Minus the years when I forgot to renew my membership, since the early 1990's. I remember talking with Richard Coleman, one of the founding members from Winter Haven, about the creation of the organization. I served on the Board of Directors for a few terms.

Why is FLMS important to you? I can say with confidence that FLMS has provided the best venue for obtaining knowledge, facilitating discussion, and making lasting friends in the business than any other organization in Florida. The atmosphere of camaraderie and sharing is matched in no other place.

Who do you work for and what do you do for your living? I have worked for the City of Winter Haven's Natural Resources Division for the past 24 years. I started out cleaning lakefront areas, managing the NPDES program, revising the conservation element of the comprehensive plan and coordinating grant projects. In the past decade, the job has evolved to include overall water resource management. Our motto is "Getting the Water Right".

What is your experience and how has it helped in your work? I have a degree in civil engineering and a master's degree in environmental planning. This diverse background, combined with the help of some very talented people, have helped create a sustainable model for decision making that I believe transcends the everyday framework that generally governs our actions.

Any hobbies in your off hours that you would like to mention? Like many of the professionals in our business, I love the water. I am on the lakes fishing or paddling central Florida rivers every chance I get. Traveling to the University of Alabama at Birmingham to watch my youngest daughter play softball as well as helping my graduating daughter pursue a career in environmental science is also rewarding.

What is the largest single problem facing lake managers today, other than financial issues? I would go back to the slogan "Getting the Water Right". So many of our problems today are multi-faceted and the solutions have to begin with water as an interconnected system. Understanding the way the natural system works and developing management strategies to restore natural function is very challenging. But anything short of this approach seems to be destined for limited success.

Is there anything else you would like to share with FLMS members? The water resources of Florida are spectacular and offer incredible beauty, recreation and economic benefit. It will take a special approach to ensure their protection. Please don't be shy about sharing your special skills and talents, so that each of us can benefit from one other. The health of our waters will continue to be the focus of statewide leaders but need local solutions. The knowledge and leadership it will take to solve Florida's water problems are daunting, but working together we can be successful.

NALMS 2014 in Florida



NALMS 2014 will be in Tampa, FL

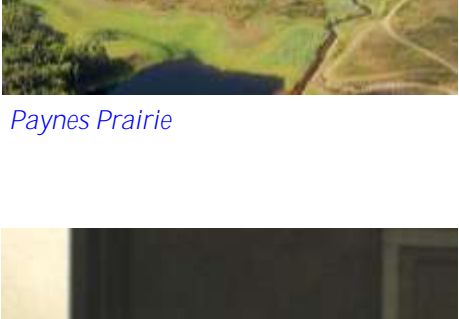
FLMS will be hosting the 34th North American Lake Management Society International Symposium in Tampa November 12-14. This year's theme is **Managing for Results: In-Lake and Watershed Management**.

Abstracts are due May 16, 2014 and should be registered online using this address: <https://aalmms.conference-services.net/auth/login.asp?conferenceID=4158&language=en-uk>

Get more information on the NALMS website: <http://www.nalms.org/home/conferences-and-events/nalms-upcoming-symposium/nalms-symposium.cms>

This year's conference will be held at the Tampa Marriott Waterside Hotel & Marina: tampawaterside.com

NE Florida & Central Florida FLMS Chapters Hold Informative Meetings



Paynes Prairie

The NEFLMS conducted a technical workshop on Monday, November 18th, at the UF TREEO Center in Gainesville, FL. The workshop included presentations discussing the Paynes Prairie Sheeflow Restoration Project, a study on student perception of environmental issues, and Lake Apopka revegetation efforts. Alice Rankellor, a Gainesville Regional Utilities engineer, showed working drawings and construction photos of the project to treat Sweetwater Creek stormwater and rehydrate the prairie. Dana Bigham, a post-doc at UF, discussed the impact of group learning on environmental perception. Bruce Jagger, a biologist with the Florida Fish and Game Commission, presented the results to date to increase submergent and emergent vegetation in Lake Apopka—a eutrophic lake in Central Florida.

The next NEFLMS chapter meeting is planned for Spring of 2014 in Palatka, FL. If you have an interesting project you would like to present, or for more information on upcoming chapter meetings, contact Sam Arden (NEFLMS President) at [941-284-7818](tel:941-284-7818) or sarden@ufl.edu.

The CFLMS conducted two workshops in 2013: a Winter Workshop on Tuesday, February 12, 2013 at the Berlinsky Community House (City of Kissimmee) that counted with the attendance of 46+ professionals, students and consultants; and a Fall Workshop on Thursday, October 17, 2013 at the Eastmonte Park - City of Altamonte Springs with that counted with the attendance of 32+ professionals.

The workshop conducted at the City of Kissimmee included presentations on: the Kissimmee Chain of Lakes / Osceola County, the 2012 Hydrilla Treatments at Lake Toho, the Testing a New IPM Approach for Hydrilla Management in Florida, Biological Augmentation of Water Bodies, a discussion on the Orange County -EPD Street Sweeping Study and a tour of the Kissimmee Lakefront Park Revitalization Project (i.e. mechanical removal of invasive plants, stormwater treatment areas).

The workshop conducted at the City of Altamonte Springs, included presentations from the St. Johns River Water Management District on the Lake Apopka & Basin Projects and Minimum Flows and Levels, as well as a round table discussion of the use of Satellite Pictures to identify phosphorous and nitrogen concentrations (Blue Water Satellite Technology)

Contact Sergio Duarte (President CFLMS) at 407-836-1505 or via email: Sergio.Duarte@ocfl.net if you want to get more details on the CFLMS workshops.

FLMS Notes



HELP US DESIGN FLMS COMMEMORATIVE T-SHIRT

We are looking for ideas for the design of this year's commemorative T-shirt. We have two sponsor spaces available on the sleeves, one of which has been taken by Syngenta. We can do a full color logo on either the back or the front and single color everywhere else. Come on all you creative members—get in on the fun and help make this year's T-shirt really special. Send ideas to Maryann: FLMSHome@aol.com.

FLMS POLO SHIRTS ALMOST GONE

We are down to a small selection of really nice FLMS polo shirts and will not be reordering anytime soon. Get them now while they last. Write to Maryann to see what is left and get your order in - FLMSHome@aol.com.

NEWS ITEMS FOR FLMS NEWSLETTER

Have you completed a study or project related to water resource management? Please consider sharing the details with your fellow FLMS members. We are looking for both technical articles and news items that will keep the information exchange going all year long—not just at our conferences. If you have an idea or an already written article, please send it to watersheds@gmail.com.

FLMS Highlights our Corporate Members and Thanks Them for their Support

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