

INSIDE THIS ISSUE:

- *Florida Water Festival*
- *Leadership Development Workshop*
- *Student Design Competition*
- *Luncheon Information*
- *Upcoming Events*
 - *Wastewater Process Committee Seminar (see below)*
 - *4th Annual Day with Rays- September 21, 2014*
 - *Plant Tour – Tampa Bay Desalination Plant- June 20, 2014*

CONFERENCES

Wastewater Process from Stem to Stern: Steering the Process Ship

June 19, 2014

GTM Research Reserve

FLORIDA WATER FESTIVAL

The Florida Water Environment Association was proud to hold its first ***Florida Water Festival*** in the West Coast on March 22, at Spa Beach Park in St. Petersburg! The West Coast event added to the series of successful Florida Water Festivals with over 300 people attending. The goal of the Florida Water Festival is to educate the public about the importance of protecting our water resources through fun and educational events for the entire family throughout the state of Florida. In addition to live music, water animal face painting, and caricature artists, the festival showcased:

- The one-mile ***Walk for Water***: Participants had the opportunity to see what it's like to have to carry water for a distance, as many in the world still must do, while learning facts about water around the world as you walk;
- Interactive ***demonstrations on water quality sampling and testing***;
- Demonstrations on ***how water systems work***;
- ***Poster contest*** for children;
- Water filtration test ***design competition for students***; and
- ***Exhibits*** from bay-area companies and agencies.

The Florida Water Festival also strives to educate the public in creative ways. With over 600 Likes, the Festival's active Facebook page (www.facebook.com/FloridaWaterFestival) has been instrumental in spreading the word about the importance of water through social media. Like this page to receive updates on upcoming festivals!

By continuing to hold Florida Water Festival events throughout the state, FWEA strives to engage the public and advance water education to help protect our water resources. Thank you to our sponsors, exhibitors, and prize donors, as your contributions made this event possible. Thank you to all the committee chairs and volunteers who donated their time and efforts to make the first Florida Water Festival in the West Coast a success!





FWEA

West Coast Chapter

2nd Quarter 2014

Few Photos of the Water Festival!




2nd Quarter 2014

LEADERSHIP DEVELOPMENT WORKSHOP

The FWEA has been doing leadership development for 15 years now. Our program is built around our annual Leadership Development Workshop (LDW). This year, our workshop was held on February 6-7 at The Shores Resort & Spa in Daytona Beach Shores. The purpose of the LDW is to educate and train new FWEA leaders in a relaxed setting that offers our volunteer leaders an opportunity to network and build better personal relationships with each other as they learn. It is also meant to be a reward for the many hours of service that our leaders donate to FWEA in support of our vision and mission. The workshop is funded by FWEA and by corporate sponsors; this year, our sponsors were AECOM, AMEC, Heyward Incorporated, and Jones Edmunds. On behalf of FWEA I would like to thank these companies and others like them that we depend on for support. The LDW is planned by the organization's president-elect, with support from the Strategic Planning Committee (SPC). I planned the first workshop 15 years ago and have attended several of them since then. I must say that this workshop ranks among the best. Much credit is due to Brian Houston of Leidos and Alex Terrel of AECOM, chair of the SPC. They put many hours into the planning and implementation of this year's workshop. Thank you Brian and Alex! The presentations given by our FWEA leaders this year were exceptional. A few of the highlights included an informative presentation by FWEA Utility Council President David Richardson with GRU, whose 41 utilities members provide service to 8 million Floridians. He reviewed the current issues that our council is working on, including numeric nutrient criteria, reclaimed water supplementation, water conservation incentivization, and springs legislation. Brian reports that our industry's relationship with the Florida Department of Environmental Protection (FDEP) has never been better! Suzanne Mechler

of CDM Smith and chair of our newly renamed Member Relations Committee (formerly Public Relations and Communications Committee) followed with a presentation that explained how her committee assists other FWEA committees and chapters get the word out to you, our members, about their events, activities, and accomplishments. Greg Kolb of CH2M Hill, our Florida Water Festival coordinator, presented tips and lessons learned when organizing a successful festival. Other presenters were Juan Oquendo of Gresham Smith and Partners and vice chair of the West Coast Chapter, who spoke on the



CELEBRATING
40
YEARS

JONES EDMUNDS

WATER RESOURCES UTILITIES CIVIL/ENVIRONMENTAL FACILITIES

WWW.JONESEDMUNDS.COM
800.237.1053

INTEGRITY | KNOWLEDGE | SERVICE



MCKIM & CREED
ENGINEERS SURVEYORS PLANNERS

www.mckimcreed.com

Clearwater • Daytona Beach • DeLand
Fort Myers • Palm Coast • Sarasota • Tampa

EOE Minorities/Females/Disability/Veterans

FWEA West Coast Chapter

2nd Quarter 2014

characteristics of a successful chapter, and Mark Burgess of REISS Engineering, chair of the Biosolids Committee, presented on the attributes of an effective technical committee. There were also presentations on leadership development and communication tools offered by WEF, FWEA finances, membership development, and effective communication flow within FWEA.

Our keynote speaker this year was Jim Emerick of Academy Leadership. Jim is a facilitator for this group and a graduate of the United States Air Force Academy. He spoke on “Leading Cultural Change with a Personal Leadership Philosophy.” Jim stressed that in order to be an effective leader you need to know yourself and know those you are leading. More specifically, leaders not only need to know what they like and need, but just as importantly, what others like and need. We should let those we lead know what we desire and expect from them, and what they can expect from us. Jim offered a nugget of wisdom that can be summed up in the Platinum Rule: Do unto others as they would like to have you do unto them. I think everyone was impressed by Jim’s message and took back some wisdom that they can use in both their professional and volunteer careers. Knowing that we are a volunteer association on a budget, Jim offered us the benefit of his skills at his cost, so I have no hesitation encouraging anyone who is reading this column and looking for leadership development consulting services to visit the Academy Leadership website at www.academyleadership.com.

STUDENT DESIGN COMPETITION USF TEAM WIN!


Congratulations to the USF Wastewater Design team for winning first place in the FWEA design competition wastewater division. The SDC was held at the Florida Water Resources Conference, and included schools from all over Florida. The team was led by Project Manager Andrew Filippi, and included Lauren Davis, Michael Esteban, Jared Faniel, Winsome Jackson, Herby Jean and Richard Johnson. Their project investigated capital improvement projects for the Hillsborough County South/Central Wastewater Service Area. The group recommended an expansion of the Falkenburg AWTP using a 5-stage Bardenpho process to meet the increased needs of the service area within the limited space at the facility. Special thanks to the clients for the project, Tom Rawls, Kim Rogers and Beth Schinella of Hillsborough County and the support of the West Coast Chapter of FWEA. The team will be traveling to WEFTEC to compete in the national student design competition in New Orleans in September.



1st QUARTER LUNCHEON TOPIC

InVision Tampa: From Plan to Implementation



In 2012, the City of Tampa completed the InVision Tampa Center City Plan. This plan was the result of an broad-based community engagement process, resulting in a shared vision of a new, mixed-use, mixed-income city center situated along both sides of the Hillsborough River. With the plan now complete, attention has turned to implementation. Randy Goers, City Planner and Project Manager for the InVision Tampa project, will provide a summary of the plan's recommendations and a status of the initiatives already underway to make Tampa's Center City a vibrant, innovative and livable 21st Century City.



HAZEN AND SAWYER
Environmental Engineers & Scientists

Water | Wastewater | Stormwater
Sustainability | Innovation
www.hazenandsawyer.com


Engineering Excellence
*Providing Customized Solutions
to Environmental Challenges*

**Providing clear direction
for a common vision.**

Total Water Management / Advanced Treatment /
Biosolids / Utility Infrastructure / Regulatory Compliance /
Program Management / Construction Management

TAMPA MIAMI FT. LAUDERDALE JACKSONVILLE CHIPLEY

 **GRESHAM
SMITH AND
PARTNERS**

www.gspnet.com



Luncheon Meeting

Luncheon Information Columbia Restaurant

2117 East 7th Avenue
Tampa, Florida 33605-3903
Thursday, May 15, 2014

- Registration - 11:30 AM
- Lunch - 12:00 PM

Menu

1905 Salad - Crisp iceberg lettuce with julienne of baked ham, natural Swiss cheese, fresh tomato, olives, grated Romano cheese and garlic dressing.

Option 1 - Pollo Salteado

Boneless pieces of tender chicken sautéed in a hot skillet with extra virgin olive oil, garlic, green peppers, Spanish onions, fresh mushrooms, potatoes, chorizo and red wine. Served with yellow rice.

Option 2 - Ropa Vieja

Shredded beef sautéed with onions, green peppers, and tomatoes. Served with platanos and white rice.

Option 3 - Merluza "Russian Style"

Premium Atlantic Merluza, a tropical white flaky fish, breaded with Cuban bread crumbs and grilled. Garnished with a Russian sauce of lemon butter, parsley and hard boiled eggs. Served with yellow rice.

Option 4 - Vegetarian

Dessert - Flan

Guest Speaker

Randy Goers, City of Tampa

Randy Goers is the Urban Planning Coordinator with the City of Tampa. For more than 27 years, Goers has led ground-breaking initiatives in making Tampa a more livable city. Currently, he is the project manager for InVision Tampa where he is leading a \$1.4 million initiative to develop a master plan for Tampa's urban core. Additionally, this project resulted in a master plan for one of the city's primary transit corridors and provide form-based regulations to guide transit oriented development along the corridor. Goers has a Bachelor's of Science Degree in Urban and Regional Planning from Michigan State University and a Master's in Public Administration from Troy State University.



- > Water / Wastewater
- > Watershed Management
- > GIS / Asset Management

380 Park Place Blvd., Suite 300
Clearwater, FL 33759
800.861.8314

www.cardno.com



*Full Members: \$22 for those pre-registered & prepaid, \$25 at the door * Student Members: \$22 for those pre-registered.*

Registration Form

Pre-Registration Deadline: Wednesday, May 14th

Please make checks payable to **FWEA**

Name: _____

Company/Affiliation: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Choice of Meal: _____

Send Check and Registration to:

Ricardo Borromeo

Atkins

4030 West Boy Scout Blvd., Suite 700,
Tampa, Florida 33607

Tel: (813) 282 7275 Ext. 8388

Fax: (813) 636 8583

E-mail:

Ricardo.borromeo@atkinsglobal.com

Register Online: <http://mms.fwea.org/Calendar/moreinfo.php?eventid=29613>



FWEA

West Coast Chapter

2nd Quarter 2014

UPCOMING EVENTS

SEMINAR PLANNING COMMITTEE

Tony Bray
Environmental MD

Kristiana Dragash
Carollo Engineers

David Hagan
Greeley and Hansen

Tim Harley
St. Johns County

Matt Love
McKim & Creed

Rod Reardon
Carollo Engineers

The FWEA Wastewater Process Committee Presents
the Regional Seminar Series



WASTEWATER PROCESS FROM STEM TO STERN – STEERING THE PROCESS SHIP

You are invited to
attend this one-day
seminar to be held at
three locations:

Central Florida
NOVEMBER 5,
2013
(Complete)

Northeast Florida
JUNE 19,
2014
(Details Below)

South Florida
FALL 2014
(more information
to come)

The program will
feature several
professionals and
process experts
presenting on the
following topics:

- **Florida Regulation Update: Saving the Environment While Saving Our Utilities**
Paul Steinbrecher, P.E. – JEA
- **Screenings Schmeanings: Who Cares About Rags Anyway?**
Dan Schmidt, P.E. – Hazen & Sawyer
- **Grit Characterization: "The Missing Guidance"**
Brian McNamara, P.E. – Hampton Roads Sanitation District
- **Primary Treatment: Almost Forgotten in FL, but a Key for Energy Efficiency**
Dr. Jose Jimenez, P.E. – Brown and Caldwell
- **What You Should Know about 5-Stage Bardenpho**
Dr. Marie Pellegrin, P.E. – HDR
- **Clarifiers: Making What You Have Work Better**
John Esler, P.E. – CPE, Inc.
- **BNR Operation: Linking Process Control to Water Quality**
Steve Hoffman – CDM Smith
- **Advanced Wastewater Disinfection Technologies: State of the Art and Perspectives**
Jeff Martin, P.E. – FDEP
- **Are All Filters the Same? Which Is Best?**
Sudhan Paranjape, P.E. – Carollo Engineers

NORTHEAST FLORIDA EVENT DETAILS:

*Register now to reserve
your seat!! Limited
spots available!*

EARN
4.5 PDHs
0.45 CEUs

DATE:
June 19, 2014

REGISTRATION TIME:
8:00 - 9:00 AM

PROGRAM DURATION:
9:00 AM - 3:30 PM

LOCATION:
GTM Research Reserve
Environmental Education Center
505 Guana River Road
Ponte Vedra, FL 32082

REGISTRATION COST:
FWEA Member: \$85 / \$125 after 6.13.14
Non-Member: \$135 / \$175 after 6.13.14

Not a Member? You may join during
the registration process and save.
Government employees may qualify
for an FWEA Only membership,
which is just \$50 per year.

Online registration is available for this CEU/PDH opportunity at www.fwea.org.



FWEA

West Coast Chapter

2nd Quarter 2014

UPCOMING EVENTS CONTINUED

Plant Tour

FWEA West Coast Chapter will be hosting a plant tour of the **Tampa Bay Water Desalination Plant** on Friday June 20th 2:00-4:00pm. The Tampa Bay Seawater Desalination facility is a drought-proof, alternative water supply that provides up to 25 million gallons per day of drinking water to the region. Seawater coming into the plant goes through a rigorous pretreatment process then freshwater is separated from the seawater using reverse osmosis. The end product is high-quality drinking water that supplies up to 10 percent of the region's needs. Following the plant tour, the FWEA West Coast Chapter would like to invite all in attendance to a happy hour from 5-6:30 at location (TBD) Stay Tuned!

Pre-Registration for this event is required. Register at the link below.

www.SignUpGenius.com/go/8050D4BA4A72CA31-tampa



11025 Countryway Blvd. Tampa, FL 33626 P:813.854.2354

2014 West Coast FWEA Chapter Committee Members

Chair – Juan Oquendo (Gresham, Smith and Partners)

Vice Chair – Mike Carballa (Florida Design Consultants)

Treasurer – Taylor Norrell (Black & Veatch)

Secretary – Ricardo Borromeo (Atkins)

Content – Freddy Betancourt (Greeley & Hansen) and Joe Zaccardelli (Jacobs Air Water Systems)

Special Events – Alice Varkey (Conestoga-Rovers & Associates) and Ryan Messer (CH2MHILL)

Communications – Jacob Porter (Hazen and Sawyer) and Nita Naik (Greeley and Hansen)

YP Chair – Matthew Woodham (USF)

Membership – Rachel Cantor (RC Associates, LLC)

Web Master – Matt Love (McKim & Creed)

USF Representative – George Dick (USF)

The 4th Annual "Day with the Rays"

The date has been selected. The Fun will commence on Sunday, September 21st at 1:40pm vs the Chicago White Sox. This "Sunday Funday" will start with tailgating prior to the game at approximately 12:30pm. Come support your Rays and cheer with your fellow FWEA members!





FWEA

West Coast Chapter

2nd Quarter 2014

Dr. Mark van Loosdrecht Lecture

In late January, Dr. Mark van Loosdrecht from Delft University of Technology visited USF as part of the Association of Environmental Engineering and Science Professors (AEESP) distinguished lecture series. Dr. van Loosdrecht is one of the world's leading experts in the development of new processes related to wastewater treatment and resource recovery. His research has resulted in several processes currently applied on full scale such as the Sharon process, Anammox process and Nereda process. Dr. van Loosdrecht's lecture on Anammox technology was followed by an expert panel discussion on nutrient management in the Tampa Bay area with our own Holly Greening (Tampa Bay Estuary Program), Nan Bennett (City of Clearwater Utilities), David Hagan (Greely and Hansen) and USF Professors Sarina Ergas and Maya Trotz. The event was followed by a lovely reception and poster session featuring Environmental Engineering research at USF, UCF and UF. In addition to the AEESP lecture, Dr. van Loosdrecht had the opportunity to spend several days at USF visiting with students and faculty, sharing his views on biological processes research and enjoying the lovely weather in Southwest Florida. A link to a video interview with Dr. van Loosdrecht can be found at <http://usf-reclaim.org/2014/01/visit-from-dr-mark-van-loosdrecht-this-wednesday/>.



ATKINS

Architecture
Engineering
Environmental
Construction

We're bringing more to our projects.

Our success has been founded on truly understanding local requirements, practices, and stakeholder concerns.

We bring best practices from the world's most vibrant markets and draw upon the resources and capabilities that have made Atkins one of the largest international design and engineering firms.

Plan Design Enable
www.atkinsglobal.com/northamerica

800.477.7275


Two-thirds of our planet is made up of water. Naturally, it takes a global company to care for it.

Whether the issue is water treatment, water supply, coastal management, or worldwide climate change — solving the challenges of water is what we do best. For over a century, our experts have used insight and innovation to solve our clients' water problems.

Together we can do a world of good.

Tampa - 813 903 3100

Imagine the result
www.arcadis-us.com





FWEA

West Coast Chapter

2nd Quarter 2014



Join us for a

Free Evening Networking Social

and meet fellow FWEA professionals and students!

Complimentary appetizers will be provided
by the FWEA West Coast Chapter.

Chart House

7616 W Courtney Campbell Cswy, Tampa, FL

Thursday, June 5th, 2014, 5:30pm to 7:30pm

Sponsors are welcome and will be recognized during the event!

Stay tuned - registration details will follow.

For more information, please contact Alice Varkey at AVarkey@CRAworld.com



FWEA

West Coast Chapter



FWEA

West Coast Chapter

2nd Quarter 2014

USF STUDENT CHAPTER UPDATE

The USF student chapter of FWEA has had a very successful spring semester. Student involvement within the USF community is expanding and students are seeing the benefits of being a part of FWEA. Throughout the recent semester we have had several guest speakers including representatives from MWH Global, Nan Bennett from the City of Clearwater, and representatives from Water For People. Additionally the student chapter has recently become involved with other student organizations and co-hosted events such as a behind the scenes look at Busch Gardens with AWWA@USF. Recently students participated in a career preparation workshop cohosted with TBAEP@USF. At this event students were given mock interviews and resume critiques by local professionals of both organizations. Additionally the student chapter is currently seeking professionals to give brief presentations for the upcoming fall semester. If anyone is interested, please contact George Dick at georgedick@mail.usf.edu.

The USF Wastewater Design team won first place in the FWEA student design competition, which was held at the Florida Water Resources Conference in Orlando on April 6th. The team was led by Project Manager Andrew Filippi, and included Lauren Davis, Michael Esteban, Jared Faniel, Winsome Jackson, Herby Jean and Richard Johnson. Their project investigated capital improvement projects for the Hillsborough County South/Central Wastewater Service Area and recommended an expansion of the Falkenburg AWTP using a 5-stage Bardenpho process. Special thanks to the clients for the project Tom Rawls, Kim Byer, and Beth Schinella of Hillsborough County; USF faculty/instructors Dr. Sarina Ergas and Tom Cross; professional advisors Juan Oquendo and Ifetayo Venner; and the support of the West Coast Chapter of FWEA. The team will travel to New Orleans for WEFTEC in September to represent Florida in the national student design competition.



FWEA student chapter meeting with guest speaker Nan Bennett from City of Clearwater

