



FWEA

West Coast Chapter

1st Quarter 2015

INSIDE THIS ISSUE:

°Welcome from 2015 FWEA West Coast Chair, Freddy Betancourt

°Luncheon Speaker and Registration

UPCOMING EVENTS

- 2/04/15
*FWEA/FWRC Operations Challenge
2015 Meet & Greet*
- 2/06/15 12:20
USF EWRE Seminar, "We should expect more from sewage sludge". By Dr. Jordan Peccia, USF ENG 4
- 2/12/15
FWEA Winter Reuse Seminar
- 2/12/15
Annual Air Quality Workshop
- 2/13/15 12:20
USF EWRE Seminar, by Dr. Kartik Chandran, USF CMC 147
- 2/19/15
West Coast Chapter Luncheon
- 3/12/15
Manasota Chapter Luncheon

CONFERENCES

- 5/03/15 - 5/06/15
Florida Water Resources Conference ~ The premier joint utility conference, this is Florida's marketplace for the water, wastewater and stormwater industry. Orlando

Welcome to 2015

Freddy Betancourt, P.E., LEED AP, ENV SP – FWEA WCC Chair

As the new West Coast Chapter (WCC) Chair, I have many people to thank for their outstanding contributions last year and want to announce the volunteers and goals of this year's Steering Committee.

First, I would like to thank Juan Oquendo, P.E. (Gresham, Smith and Partners) and the 2014 Steering Committee for their outstanding contributions. Last year, under Juan's leadership, the WCC hosted our traditional quarterly luncheons at the Columbia Restaurant with a variety of topics covered by our guest speakers. The WCC also held a very successful annual roundtable on the Future of Reuse in the state, had two facility tours, participated in a cosponsored event with AWWA in the Oldsmar Run 4 Water 5k, held a social networking event and hosted the very first WCC Water Festival at the Spa Beach Park in St. Petersburg.

The next round of thanks goes to you, our members. We have a very active professional community in the West Coast Chapter, which is something that we pride on. The success of our events is not possible without your membership support and participation.

As we move into our planned activities for the upcoming year, I would like to thank our numerous volunteers who have agreed to participate in the 2015 Steering Committee. The 2015 committee members and their respective roles are shown on page 5.

Our focus goals for the 2015 West Coast Chapter Steering Committee are to grow as an organization and to promote professional development of our West Coast students and professionals alike. We are committed to help this new generation of professionals have a solid foundation because they will become future industry leaders, responsible for the management of our water resources. We will continue to meet, mentor and develop our student foundation, with our quarterly luncheons, educational sessions and facility tours for professionals and operators alike.

We are also excited about the opportunity to host the Second Annual WCC Water Festival later in May at Clearwater's Coachman Park. This family oriented event is a great way to connect with our community, providing opportunities for educational activities, entertainment prizes and much more.


Finally, I would like to remind you that the Steering Committee is here to serve you. We are always open to suggestions. So, please don't hesitate to contact me or any of our Steering Committee members regarding activities, topics, or anything that you would like the chapter to do for you.

FWEA WEST COAST STUDENT CHAPTER UPDATE

By Nicole Smith, E.I (Greeley and Hansen)

Through the efforts of previous committees, the FWEA West Coast Chapter has been supporting the memberships and success of the USF Student Chapter. Their past success includes three first place wins at the national WEFTEC Student Design Competition in the last three years. Supporting the Student Chapter remains a priority for the current West Coast Chapter Committee who recently met with seventeen students on campus to inform them about the benefits of FWEA membership.


On January 21st, the members spoke of their experiences in FWEA, the many networking opportunities, the educational resources available through WEF, the community outreach by the West Coast Chapter, and much more. It was an interactive evening and concluded with eight students filling out FWEA Student membership applications. The fees for these students will be sponsored by the West Coast Chapter. We are excited to see the new student members at our activities and helping them make the transition from students to professionals. Many thanks to George Dick, the current YP Chair and Interim USF Liaison, for coordinating this successful event!



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1st Quarter Luncheon – Thursday, February 19, 2015

South Hillsborough Aquifer Recharge Program (SHARP), Hillsborough County

The Upper Florida Aquifer has exhibited declining groundwater levels over the last 50 years in the area of southern Hillsborough County and western Polk County. These water level declines have caused saltwater intrusion along the coastal area of Hillsborough County. The Southwest Florida Water Management District (District) designated the Southern Water Use Caution Area (SWUCA) in this area to limit additional groundwater withdrawals. The District also implemented a recovery strategy to mitigate the Most Impacted Area (MIA), along the coast of Hillsborough, Manatee and Sarasota Counties that exhibited the highest decline water levels.

During the evaluation of mitigation options that would address these declining water levels, the District initiated an aquifer recharge feasibility study in 2008 to identify recharge concepts that may provide the highest level of beneficial use of locally available reclaimed water flows. As a result, coastal aquifer recharge has become a viable solution for the recovery of declining water levels, and the District has implemented a water level mitigation policy that allows groundwater mitigation offset credits to be earned for up to 90 percent of the regional water level improvements within the SWUCA. This mitigation offset “credit” system is key to incentivizing utilities to assist the State in solving regional environmental issues while maintaining control of their water resources.

Hillsborough County has taken the regional initiative by implementing the South Hillsborough Aquifer Recharge Program (SHARP), to beneficially utilize available reclaimed water as a saltwater intrusion barrier. The benefits of coastal aquifer recharge include creating a saltwater intrusion barrier system, the reduction of surface water discharges and the improvement of water levels in the SWUCA and MIA. Finally Hillsborough County will be able to use the “credits” to augment its reclaimed water system, or to develop additional inland groundwater withdrawals, currently not allowed.



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Luncheon Meeting

Luncheon Information Columbia Restaurant

2117 East 7th Avenue
Tampa, Florida 33605-3903
Thursday, February 19, 2015

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

Menu

1905 Salad

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 - Roast Pork Cubana

Generous slices of roast pork with a delicious marinade. Served like back home in Cuba with black beans, white rice and platanos.

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 Cubana

Yuca, black beans, white rice, platanos, tostones and sautéed fresh vegetables.

Dessert - Flan

About the Speaker(s):



T. Barton Weiss, P.G., Hillsborough County, Tampa, FL

Mr. Weiss is the Director of the Utility Support Division of Hillsborough County's Public Utilities Department. Recently he took charge of a program to eliminate surface water discharges in an effort to meet the utility's goal of beneficially reusing 100% of its reclaimed water. Mr. Weiss is a registered Professional Geologist with the State of Florida and has over 24 years of experience in the water resource industry. He is a past president of WaterReuse Florida and currently the association's State Director. Mr. Weiss's educational background includes a B. A. in History from Erskine College, a B. S. in Geology from Texas A & M Corpus Christi, and a Masters of Business Administration from Saint Leo University.



Michael Weatherby, P.G., MWH Americas, Tampa, FL

Mr. Weatherby is a Principal Hydrogeologist and Project Manager with MWH and is involved in many applications of hydrology, hydrogeology, and engineering. His 22 years of experience is in, groundwater supply, integrated water resource evaluations, wellfield designs, injection well design and testing, aquifer storage recovery (ASR) technology, aquifer recharge, environmental contamination assessments and various types of permitting activities. Mr. Weatherby is currently the Project Manager for the deepest injection wells in the state of Florida and the SHARP reclaimed water coastal direct aquifer recharge pilot system.

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

Registration Form

Pre-Registration Deadline: Tuesday, February 17th (Also Register through FWEA.org)

Please make checks payable to **FWEA**

Name: _____

Company/Affiliation: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Choice of Meal: _____

Register Online: <http://mms.fwea.org/Calendar/moreinfo.php?eventid=33220>

Send Check and Registration to:

Ricardo Borromeo

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Fax: (813) 888-7215

E-mail: rborromeo@wadetrim.com



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2015 FWEA West Coast Water Festival

The Florida Water Festival is FWEA's premier educational event. It is a unique learning opportunity for children and adults alike. The free to attend event is designed to educate the public at large of the importance of protecting Florida's precious water resources.

The Festival features fun and informative activities, enlightening displays explained by water experts, and interactive demonstrations. Water quality professionals from public utilities and private sector companies are available to answer questions and share their passion about protecting our state's most valuable resource – WATER.

The West Coast Chapter will be holding this year's Florida Water Festival this May at the City of Clearwater's beautiful Coachman Park. If you are interested in volunteering or sponsoring this year's event, please contact Tim English (tsenglish@reisseng.com) to get involved. See you in May!

Do you have a technical water or wastewater article about your work you'd like to have showcased in the FWEA WCC newsletter?

Contact Kristen or Mel at:

Kristen.Andre@arcadis-us.com &
Melissa.Butcher@MWHGlobal.com

2015 West Coast FWEA Chapter Committee Members

Chair – Freddy Betancourt (Greeley and Hansen)

Vice Chair – Alice Varkey (Conesta Rovers & Associates)

Treasurer – Ricardo Borromeo (Wade Trim)

Secretary – Isaiah Shapiro (Greeley and Hansen)

Content – Karloren Guzman (MWH Global) & Taylor Norrell (Black & Veatch)

Special Events – Austin Moore (TSC Jacobs) and Jacob Porter (Hazen & Sawyer)

Communications – Kristen Andre (Arcadis) and Mel Butcher (MWH Global)

YP Chair – George Dick (USF)

Membership – Ryan Messer (CH2M Hill)

Web Master – Matt Love (McKim & Creed)

Water Festival Chair – Tim English (Reiss Engineering)

Director-at-Large – Alex Terral (Hydro Solutions)

Members-at-Large:

Tim Ware (Am Water)
Nita Naik (Greeley & Hansen)
Juan Oquendo (GS&P)
Chris Hill (Arcadis)
Jose Rojas (MWH Global)



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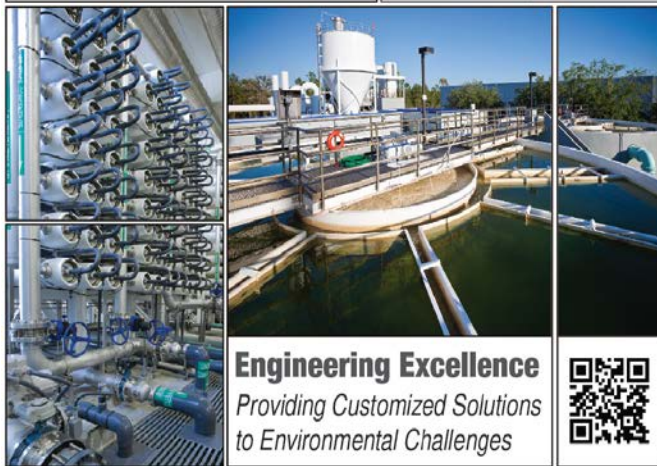
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