



The Droplet

FWEA Water Resources Reuse and Resiliency
(WR3) Committee

February 2017

Please pass this newsletter along! Volume 7 Issue 5

FY 2016-2017 Officers



Co-Chairs:
Ricky Ly

Ricky.Ly@Stantec.com

Lynn Spivey

LSpivey@plantcitygov.com

Vice Chair: Open

Awards:

Shanin Speas-Frost

Shanin.SpeasFrost@dep.state.fl.us

Secretary:

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&

Doug Eckmann

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Donna Kaluzniak

donna@h2owriting.com

Hurry and Register for the Annual Winter Seminar on February 27, 2017!

Please join us for the 2017 FWEA WR3 Seminar: **One Water – Right Use, Right Balance in Bartow, FL on February 27, 2017**. You can register today for the conference by going to the FWEA website. A flyer of our incredible lineup is below. Please pass it along to your colleagues that would be interested in joining us.

If you need a hotel room for the upcoming seminar, FWEA WR3 has a block of rooms at the Hampton Inn Bartow at a reduced rate until **February 12th**. Please see below for the information associated with the hotel to make your reservation:

Hotel Name: Hampton Inn Bartow

Hotel Address: 205 Old Bartow Eagle Lake Rd.
Bartow, Florida 33830

Phone Number: 863.535.5007

Group Name: ~ FWEA Meeting ~

Group Code: FWE

Reservation Website:

http://hamptoninn.hilton.com/en/hp/groups/personalized/B/BOWFLHX-FWE-20170226/index.jhtml?WT.mc_id=POG

We are still looking for Sponsors for the upcoming seminar. If your company is interested in becoming a sponsor for the 2017 FWEA WR3 Seminar: One Water – Right Use, Right Balance seminar, go to the link on the FWEA.org website
www.fwea.org.

SPACE IS LIMITED! PLEASE REGISTER AT YOUR EARLIEST CONVENIENCE



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THE FWEA WATER RESOURCES, REUSE, AND RESILIENCY (WR3) COMMITTEE
PRESENTS

2017 INTEGRATED WATER SEMINAR ONE WATER - RIGHT USE, RIGHT BALANCE



HAMPTON INN BARTOW - REDUCED RATES TILL FEB 12
205 OLD BARTOW EAGLE LAKE RD. BARTOW, FLORIDA 33830.
CALL 863.535.5007, GROUP NAME: FWEA MEETING

PDH/CEUS ARE CURRENTLY BEING APPLIED FOR.

MONDAY FEBRUARY 27, 2017
8:00 AM - 5:00 PM EST

AT POLK STREET COMMUNITY CENTER
1255 POLK ST, BARTOW, FL 33830

KEYNOTE SPEAKERS: SENATOR WILTON SIMPSON

FLORIDA SENATE MAJORITY LEADER SIMPSON HAS BEEN SERVING THE FLORIDA SENATE SINCE 2012 (HERNANDO, MOST OF SUMTER, AND PARTS OF PASCO COUNTIES). IN 2014 THE SENATOR SPONSORED SB 536, WHICH REQUIRED, "DEP, IN COORDINATION WITH STAKEHOLDERS SHALL CONDUCT A COMPREHENSIVE STUDY AND SUBMIT A REPORT ON THE EXPANSION OF THE USE OF RECLAIMED WATER, STORMWATER, AND EXCESS SURFACE WATER IN THE STATE."

COMMISSIONER ADAM PUTNAM VIA VIDEO MESSAGE

ADAM PUTNAM IS FLORIDA'S COMMISSIONER OF AGRICULTURE. COMMISSIONER PUTNAM'S PRIORITIES INCLUDE FOSTERING THE GROWTH AND DIVERSIFICATION OF FLORIDA AGRICULTURE; EXPANDING ACCESS TO FLORIDA'S ABUNDANCE OF FRESH PRODUCE, SEAFOOD AND OTHER PRODUCTS; SECURING A STABLE, RELIABLE AND DIVERSE SUPPLY OF ENERGY; PROTECTING THE QUANTITY AND QUALITY OF THE STATE'S WATER SUPPLY; AND SAFEGUARDING CONSUMERS FROM DECEPTIVE BUSINESS PRACTICES.

TAMPA BAY REGIONAL RECLAIMED WATER FEASIBILITY STUDY
BART WEISS - HILLSBOROUGH COUNTY | UTILITIES / ARCADIS

THE 4G WETLANDS RECHARGE PROJECT
JEFF HARRIS - PASCO COUNTY UTILITIES

PANEL DISCUSSION: MEETING FLORIDA AGRICULTURAL WATER NEEDS
MODERATOR: JUDI WHITSON, 2016 AG WOMEN OF THE YEAR
KERRY KATES - FLORIDA FRUIT & VEGETABLE ASSOCIATION
AGRICULTURAL WATER NEEDS IN FLORIDA
CHARLES SHINN - FLORIDA FARM BUREAU FEDERATION
POLICY PERSPECTIVE OF FLORIDA PRODUCERS
KENNETH PARKER - FLORIDA STRAWBERRY ASSOCIATION
WATER NEEDS OF CENTRAL FLORIDA STRAWBERRY FARMERS

KISSIMMEE RIVER RESTORATION PROJECT
STUART VAN HORN - SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ALTAMONTE SPRINGS DIRECT POTABLE REUSE PROJECT
JO ANN JACKSON - CITY OF ALTAMONTE SPRINGS

PANEL DISCUSSION: REGULATORY AND POLICY UPDATE FOR WATER REUSE
MODERATOR: ROBERT BELTRAN - WATERUSE FLORIDA
STEPHEN JAMES - FDEP, DIRECTOR OF WATER POLICY
OVERVIEW REGULATORY OUTLOOK FOR WATER REUSE
LAURA DONALDSON - MANSON BOLVES
DONALDSON VARN - LEGISLATIVE AND REGULATORY UPDATE FOR WATER REUSE
MARK HAMMOND - SWFWMD CFWI REP
REGULATORY HURDLES FOR BENEFICIAL REUSE PROJECTS
FOR ALTERNATIVE WATER IN CENTRAL FLORIDA
AMY TRACY - FLORIDA WATERUSE ASSOCIATION
WATER REUSE REGULATORY UPDATE NATIONAL



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The WR3 committee is working to educate all professionals on important water resource issues. We welcome your participation in our group. Just contact any of the officers you see located on the left side of this page to join in our discussions!

OUR INCREDIBLE SPONSORS!





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Sponsorship

FWEA Water Resources, Reuse and Resiliency Committee would like to thank all of our sponsors and we hope that others will choose to join them.

Along with advertisements appearing in our quarterly newsletters, sponsors are invited to submit a guest article to appear in one of the newsletters.

The advertisement should be in a JPEG/JPG format at a minimum of 300 dpi. The rate for advertising in the four 2016-2017 newsletters is \$100 for a 2.5" x 1.5" sized advertisement.

Payment can be sent directly to Nita Naik at the address shown below. Please make checks payable to FWEA. If requested, we can provide an invoice prior to payment. Please contact Nita with any questions.

Nita Naik

Greeley and Hansen, LLC

1715 N. Westshore Blvd., Suite 464

Tampa, FL 33607

nnaik@greeley-hansen.com

2016 Award Winners

David York award

North Hutchinson Island

Davie Water Reclamation Facility

Loxahatchee River Environmental Control District

City of St. Petersburg Master Reuse System

Integrated Water Resource Person of the Year

Ed Torres, City of Altamonte Springs



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AWARD Announcement!

WateReuse Association has recognized the Town of Davie, Florida as the Reuse Project of the Year. This Award recognizes projects whose significance and contributions to the community continue to advance the water reuse industry. The *Town of Davie Water Reclamation Facility* has demonstrated continued dedication to the water reuse community, and the WateReuse Association gratefully acknowledges the contributions you have made.

Upcoming WateReuse Events

<https://watereuse.org/news-events/webcasts/>



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Stay current on events, participate in industry discussions and more!

Like FWEA on Facebook www.facebook.com/CleanWaterFl



[Check out the free online webinars for FWEA members!](#)

And in case you missed these-

FDEP SB536 final report

FDEP Issued a Final SB 536 Report on Expansion of Beneficial Uses of Reclaimed Water, Stormwater, and Excess Surface Water. More information is on the FDEP Website.

<http://www.dep.state.fl.us/water/reuse/study.htm>

Miami to deal with sea level rise-

<http://floridawaterdaily.com/2016/03/14/miami-beach-wants-to-fast-track-work-to-battle-sea-level-rise/>

NEW EPA Water Infrastructure and Resiliency and Finance Center-

<https://www.epa.gov/waterfinancecenter>

ASCE Annual ASCE Water Resources conference-

<http://www.ewricongress.org/>

Educating Integrated Water Resource Managers *By Donna*

Kaluzniak Many larger utilities and regional water districts now embrace the concept of Integrated Water Resources Management (IWRM)—the view of this precious resource as “one water.” They promote integrated water resource planning, and prepare Total Water Management Plans. But how to educate ourselves to implement integration? For some ideas see full article below:

http://www.fwea.org/docs/Integrated_water_resources_education_12-2015.docx



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Other useful information:

EPA free online Watershed Academy!

<https://www.epa.gov/watershedacademy>

Obtain free CEUs and learn important issues such as:

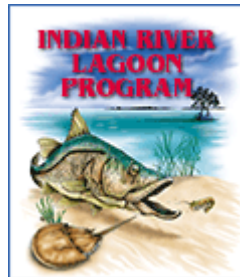
Understanding Climate Change Impacts on Water Resources

From WEF Stormwater - Evolving Green Infrastructure

<http://stormwater.wef.org/2015/11/evolving-green-infrastructure-asset-management/>

Comparison of Revenue Bonds and FDEP Administered Drinking Water and Clean Water State Revolving Fund Loans

http://www.fwea.org/docs/ComparisonofRevenueBondsandFDEPAdministeredSRFLoansFWRC-presentation_pull.docx



Get Involved Spotlight

Indian River Lagoon

<http://itsyourlagoon.com/>

Sarasota Bay Estuary Program

For More Information:

<http://sarasotabay.org/get-involved/bay-guardian-volunteers/>

Tampa Bay Estuary Program

For More Information: <http://www.tbep.org/help/giveaday.html>

Tampa Bay Watch

For More Information: http://www.tampabaywatch.org/events_baylife_main.html

Other Volunteer Opportunities

- FDEP - Current Initiatives and Volunteer Opportunities
<http://www.dep.state.fl.us/central/Home/Watershed/GetInvolved.htm>
- Florida State Parks
<https://www.floridastateparks.org/get-involved/volunteer>



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Other Water News and Events

For other industry news, listed below is a couple of great websites:

<http://www.fwea.org/>

subscriptions@floridawaterdaily.com

<http://www.brownandcaldwell.com/1water/index.asp>

<http://www.nwri-usa.org/>

Committee News

WR3 Committee meetings are held on the first Tuesday of every month at 11:45 am. Email any committee officer or member to be added to the committee and be placed on the email distribution list. As our industry continues to evolve to identify new water resources to meet growing demands in a cost-effective and sustainable manner, the importance of reuse continues to surface in all integrated water resource discussions. Also, considering the changes in climate and weather patterns, building in resiliency to handle extreme events is becoming more critical. With this in mind, the WR3 committee operates under a wider range of water resource expertise to identify new opportunities and continue leading the industry. The committee is also in line with the latest "One Water" trend which recognizes that water from all sources and every use is inextricably interrelated.

Ricky Ly and Lynn Spivey Co-Chairs

•Co-Chairs: **Ricky Ly and Lynn Spivey** •Vice-Chair: Open

•Secretary: **Lillie Thomas** •Treasurer: **Nita Naik**

•Communications: **Elizabeth Thomas, Doug Eckmann and Donna Kaluzniak**

•Awards: **Shanin Speas-Frost** • Website Coordinator **Michael Knowles**

Other organizations of interest:

<http://www.watereuse.org/> and <http://www.florida-stormwater.org/> and
<http://www.fsawwa.org/> and <http://awra.org/> and <http://www.asce.org/> and
www.waterrf.org/

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