



The Droplet

Florida Water Environment Association
Water Resources Reuse and Resiliency (WR3)
Committee

December 2015

Please pass this newsletter along! Volume 7 Issue 2

The 2016 Joint Winter Seminar is just around the corner on *January 22, 2015!* REGISTER TODAY-OPEN LINK HERE!



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Awards:

Shanin Speas-Frost

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Save the date for this Integrated Water Seminar. PDHs have been submitted for approval.

Register online at:
<http://bit.ly/wr3onedrop>

FRIDAY JANUARY 22, 2016
8:00 AM - 4:00 PM EST

Guana Tolomato Matarzas National Estuarine Research
505 Guana River Rd. Ponte Vedra Beach, FL 32082

KEYNOTE SPEAKER: SENATOR WILTON SIMPSON

Senator Simpson has been serving the Florida Senate 18th District since 2012 (Hernando, most of Sumter, and parts of Pasco Counties).

In 2014 the Senator sponsored SB 536, which requires, "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."

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Moderator: Bart Weiss and Amy Tracy

Panelists:
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Russell Schrieber, Wichita Falls, TX
JoAnn Jackson, City of Altamonte Springs
David Porter, Clearwater, FL



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The FWEA IWRC and Water Reuse Committees have been combined to form the

Water Resources, Reuse and Resiliency Committee

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, combining the Integrated Water Resources and Reuse Committees helps to leverage a wider range of water resource expertise to identify new opportunities and continue leading the industry. The merging of committees 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

- Chair: **Ricky Ly and Lynn Spivey** •Vice-Chair: Open
- Secretary: **Lillie Thomas** •Treasurer: **Nita Naik**
- Communications: **Elizabeth Thomas** and **Doug Eckmann**
- Awards: **Shanin Speas-Frost** • Website Coordinator **Michael Knowles**

A Big Thanks to Our Sponsors!!





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

Like FWEA on Facebook www.facebook.com/CleanWaterFl



News from around the State

FDEP SB536 final report

FDEP Issues Final SB 536 Report on Expansion of Beneficial Uses of Reclaimed Water, Stormwater, and Excess Surface Water by Florida Water Daily · December 4, 2015

From the Executive Summary:

The report includes a review and analysis of the historic development, regulatory framework, current status and potential for future expansion of reclaimed water (Chapter 2), stormwater (Chapter 3), excess surface water (Chapter 4) and storage (Chapter 5).

Impediments and constraints to increasing the use of reclaimed water (section 2.6), stormwater (section 3.3) and excess surface water (section 4.4) for water supply are identified. Recommendations to mitigate or eliminate impediments and provide incentives for increased beneficial use of these water sources are provided (Chapter 7).

More information is included on the FDEP Website.
<http://www.dep.state.fl.us/water/reuse/study.htm>



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St. Johns River Water Management District (SJRWMD) and Southwest Florida Water Management District (SWFWMD) Boards approve regional water supply plan strategies for central Florida

The Central Florida Water Initiative (CFWI) is an ongoing water supply effort focusing on the Central Florida Coordination Area, which includes southern Lake, Orange, Osceola, Seminole and Polk counties. The three water management districts, along with the Florida Department of Environmental Protection (DEP), Florida Department of Agriculture and Consumer Services (DACS), regional public water supply utilities and other stakeholders are collaborating to develop a unified process to address central Florida's current and long-term water supply needs. The Central Florida Water Initiative's (CFWI) Steering Committee has produced a report that will set a path forward for meeting water supply needs in central Florida for the next 20 years. This report is available now can be found on their website at www.cfwewater.com. The SJRWMD and SWFWMD recently approved this report at their boards meeting.

Bill would allow Amendment 1 dollars to be used for flood control program

State Sen. Jeff Brandes filed a bill that would create a statewide flood mitigation and assistance program he says would be eligible to receive funding under a water and land conservation ballot measure approved in 2014. The bill (SB 584) would authorize the Division of Emergency Management to provide up to \$50 million in matching funds for land acquisition or other projects to prevent flooding and technical and financial assistance to implement flood risk reduction policies.

Florida survey finds widespread water concerns

Water concerns topped the list when 1,251 adults statewide were asked to name the biggest environmental problem facing Florida. Six percent of Floridians believe that the environment, drilling and climate change are the most important issues facing the state—entering the top-five responses for the first time in the last five years—suggesting that the environment is near the top of many Floridians' public policy concerns. When asked an open-ended question: "What is the biggest environmental problem facing Florida today?" "water-related problems" cited by 31 percent tops the list, followed by "air pollution" (8 percent), "overpopulation/over development" (6 percent), "oil-drilling o- shore" (5 percent), "the Everglades" (5 percent), "climate change/global warming" (5 percent), trash/litter/pollution/no recycling 5 percent). One-fifth did not provide an answer—higher than for many other policy areas. A reclassification of all responses reveals that 38 percent are related to water (water quality/quantity, the Everglades, beaches, springs), 18 percent to potential disasters—human or nature driven (off-shore oil drilling, climate



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change, storms/weather, loss of natural areas, sinkholes, invasive species, pests facing Florida's agricultural industry), 15 percent to pollution (air pollution, trash/litter/pollution/lack of recycling, brown-fields), 6 percent to overdevelopment, 4 percent miscellaneous, and 20 percent no opinion. Source: Sun Sentinel



The Altamonte Springs – FDOT Integrated Reuse and Stormwater Treatment project (A-FIRST) provides solutions for flood protection in a closed surface water basin, nutrient reduction to an impaired Central Florida water body and alternative water supply locally and to a neighboring community with very large projected growth in water demands over the 30 year horizon.

See full story about this unique project.

http://www.fwea.org/docs/Altamonte_Springs_A-FIRST_Paper_Final_122015.docx

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.

These are positive and necessary activities, needed to protect and best use our water. But, as we know, IWRM is not easy. Getting utility people out of their “silo” mentality, where drinking water, wastewater, and stormwater are separate entities is one challenge. Crossing city, county or state boundaries to develop and implement a plan is another. Working with multiple governmental agencies is headache inducing. And persuading citizens, businesses, industries, utilities, farmers, environmentalists, permitting agencies, and elected officials to work together—well, that's another reason why IWRM takes a long time. Given the importance and the difficulty of IWRM, it seems that educational programs about water management would be prevalent. That is not the case. An online search shows that water resource management programs are available, but not abundant.

Link for full article below:

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



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Useful information:

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

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>
 - Includes links to opportunities in the following Counties:
 - Brevard
 - Indian River
 - Lake
 - Marian
 - Orange
 - Osceola
 - Seminole
 - Volusia
- 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>

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.

Please also check www.fwea.org/

As well as <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/

for more announcements of conferences and meetings



FWEA Water Resources, Reuse, Resiliency (WR3) presents
2016 INTEGRATED WATER SEMINAR
One Drop of Water - Many Uses

Save the date for this Integrated Water Seminar.
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