

The Droplet

Florida Water Environment Association Integrated Water Resources Committee

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Committee News & Information

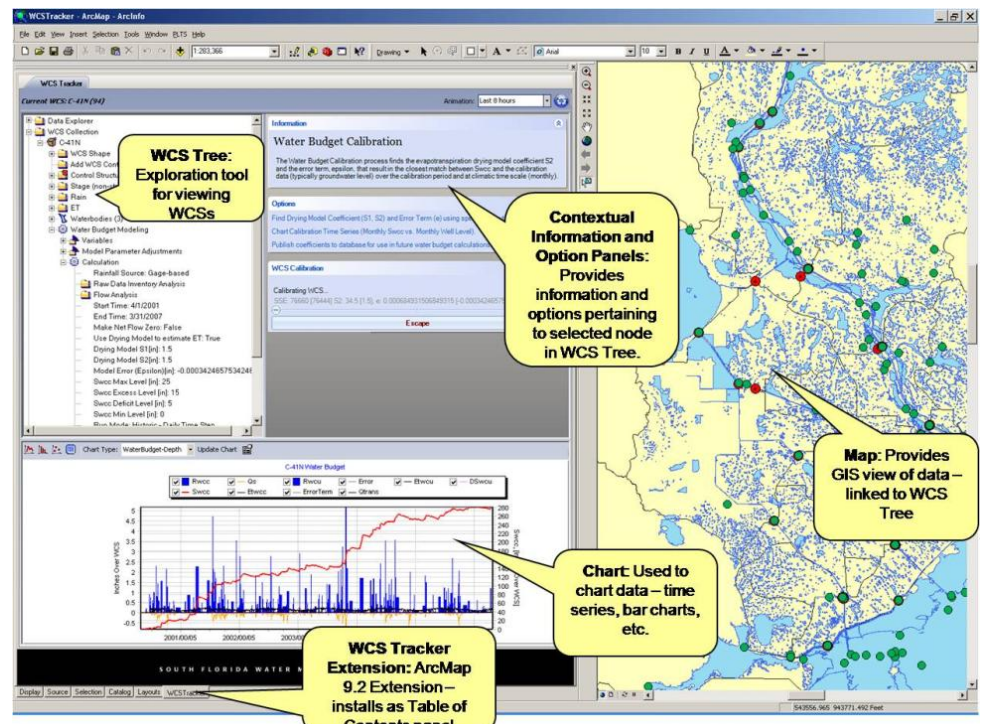
The FWEA Integrated Water Resource Committee (IWRC) is now working with the West Coast Chapter on organizing two events: a social and a luncheon. We have set a tentative date for "the social" on April 10, 2010. This day will include kayaking in the old Tampa Bay. Details for this fun day are in the works, so please stay posted for something challenging, different, and exciting, but most important, gain a great perspective on why we, as engineers, work so hard to protect this beautiful state. A date for the luncheon has not yet been confirmed, but is targeted for the Spring.



Kayak Location

WCS Tracker

The South Florida Water Management District (SFWMD) comprises over 150 water control systems (WCS). By controlling the flow into and out of these systems, operators manage the SFWMD for flooding, irrigation, recreation, and environmental preservation. Understanding the level of storage of water in each WCS is critical to this mission. The WCS Tracker is a custom extension to ESRI ArcMap that uses real time measurements of rainfall, temperature, lake levels and canal flow to estimate WCS storage. The WCS Tracker is built on SFWMD's enterprise Arc Hydro GIS database (AHED). The application is a true example of integrating GIS and time series information into a practical application for management decision support.



Chair:
Lauren Holman

Vice Chair:
Liz Bartell

Secretary:
Leslie Turner

Treasurer:
Nestor Sotelo

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Get Connected to The Water Laboratory Alliance!

Register on-line with the EPA Compendium

What is the Water Laboratory Alliance?

In collaboration with partners in the Water Sector, the Environmental Protection Agency (EPA) launched a nationwide laboratory program, the Water Laboratory Alliance (WLA), in September 2009. This program will increase the preparedness and role of laboratories to respond to water contamination events. The WLA is an integrated nationwide network of laboratories with the analytical capabilities and capacity to support monitoring and surveillance, response, and remediation of intentional and unintentional water contamination events.

The WLA structure consists of many national, state, and local laboratories, both public and private labs. This extensive network of labs can be easily accessed during a major event such as a terrorist attack or a wide spread epidemic. However, most water contamination events can and should be handled locally. Tools and guidance provided by the WLA can be used locally to investigate possible water contamination.

Why was the WLA Established?

The Homeland Security Presidential Directive 9 directs the EPA to develop a laboratory network to support monitoring, surveillance, response, and remediation in the event of a water incident. To comply with this directive the EPA has implemented the Drinking Water Laboratory Response Preparedness Project. The EPA regional labs, state health department labs, selected major utilities, and other water experts have written and tested (through table top and functional exercises) the water laboratory response plan. The EPA has also established the EPA Compendium of laboratories that can be used as a resource during emergency events involving water contamination. This compendium is comprised of the Environmental Laboratory Response Network (for investigation of contamination in soil, air, and surfaces) and the Water Laboratory Alliance.

What are the WLA Member Benefits?

The WLA provides the drinking water sector with an integrated nationwide network of laboratories with analytical capabilities and capacity to analyze samples for chemical, biological, and radiological contaminants during an emergency situation.

[Access to the EPA Compendium of Environmental Testing Labs](#), a secure Web-based tool that provides laboratory capability, capacity, and contact information

[The WLA-Response Plan](#) with essential information to add to your own Disaster Plan

[Access to WCIT](#) a password protected on-line database for incident response, including in-depth information for site specific response guidelines; drinking water and wastewater treatment and infrastructure decontamination processes; access to reports that can be utilized to inform the public and the news media, information for table top drills and emergency exercises

[Access to REMI-CBR](#), the National Environmental Methods Index for Chemical, Biological, and Radiological Methods and a companion expert system, the CBR Advisor; it is a secure web-based tool that enables easy comparison of methods for drinking water contaminants.

[Sampling Guidance for Unknown Contaminants in Drinking Water](#), a manual with detail on sample collection, preservation, and transport procedures for drinking water contaminants

[The option to participate in training and full scale regional exercises](#) to improve and test our disaster plan

More Information on the WLA?

- Visit <http://cfpub.epa.gov/safewater/watersecurity/wla.cfm>
- Register for the EPA Compendium & WLA at <http://www.epa.gov/erln/join.html>
- Contact your WLA Liaison for the State of Florida, Marsha Pryor, at mpryor@co.pinellas.fl.us

Calendar of Events

<u>Date</u>	<u>Description</u>
February 2, 2010	IWRC Committee Meeting Teleconference
March 2, 2010	IWRC Committee Meeting Teleconference
April 6, 2010	IWRC Committee Meeting Teleconference
April 10, 2010	IWRC/West Coast Chapter Social
May 4, 2010	IWRC Committee Meeting Teleconference
May 16-18, 2010	2010 FWRC at Renaissance Orlando Hotel at SeaWorld, Orlando, Florida

Officer Contact Information

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Website	David Scott	David.Scott@jig.com
Newsletter	Leslie Turner	turnerla@cdm.com

Welcome New Members!

<u>Name</u>	<u>Company</u>
Michael Saxton, EI, CFM	Tetra Tech

Please consider becoming a member of the IWRC. Visit our website at <http://www.fwea.org>, then click on committees, then select integrated water resources committee.

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