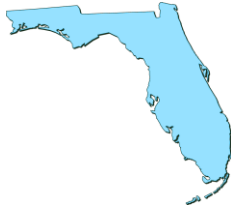


Managing Florida's Aquifers: Annual Conference

Groundwater Issues – ASR 22 (twenty-second year of this event)

Florida Hotel & Conference Center, 1500 Sand Lake Rd, Orlando, FL 32809
Wednesday, September 28 & Thursday, September 29, 2022

The American Ground Water Trust Annual Florida Groundwater Program
In cooperation with the Florida Ground Water Association



Continuing Education (expected approval)

Water and Wastewater Operators (expected approval)

Water Well Contractors (expected approval)

AGWT is an approved provider by FL Board of **Professional Engineers**
Certificates of Attendance available for all other professions



Sept 27th Field trip option – see program details

Conference Sponsors

more information on sponsorship and exhibiting at www.agwt.org/events.

Who should be at the conference?

Water professionals and groundwater end-users, engineers, geologists, hydrogeologists, planners, utility operators, water re-use and aquifer recharge consultants, water treatment specialists, water well contractors, industry & agriculture end-users, city & county government, regulatory authorities, legislators, elected officials, environmental NGOs, planners, water attorneys and interested citizens.



2022 Draft program
Schedule expected next week

FIELD TRIP OPTION

Tuesday September 28th

10:00am - 1:00pm

LAKE OKEECHOBEE NUTRIENT REDUCTION PROGRAM – REMOVING AQUATIC VEGETATION FOR LAND APPLICATION.

Process explained in this You Tube video link: <https://m.youtube.com/watch?v=GUsNrHI4Xk8>

Field trip will involve boats and off-road vehicles. Meet at Indian Prairie Canal, junction with State Road 78

Limited space - first-pay first-served – available for fully paid two-day conference registrants

Field-trip leader: Mike Elfenbein, Aquaculture Technologies

Conference Day one

Wednesday September 28th 8:30 – 5:00 (Reception 5:00 – 6:30)

Conference Day two

Thursday September 29th 8:30 – 4:30

Presenter recruitment almost complete. Full schedule expected next week

Presentation topic and presenters - alphabetical – some presentation topics not final

APPLICATION OF A NEW GEOPHYSICAL TECHNIQUE TO LOCATE SINKHOLES

Glen Andersen, Principal Engineer, Wood Environment & Infrastructure Solutions, Inc.

INJECTION WELL FOR DISPOSING OF ASH LANDFILL LEACHATE

Allan Biddlecomb, Program Administrator, Pasco County, New Port Richey, FL

NUTRIENT AND BIOMASS REDUCTION VIA NUISANCE AQUATIC PLANTS APPLIED TO AGRICULTURE PROCESSES AS A LIQUID FORM COMPOST.

Mike Elfenbein, Conservation Chair, Cypress Chapter of the Izaak Walton League of America

SOUTH FLORIDA'S APPROACH TO MONITORING AND REDUCING SALTWATER INTRUSION POTENTIAL

Mark Elsner, PE, Water Supply Bureau Chief, or Peter J. Kwiatkowski, PG, Manager, Resource Evaluation Section, South Florida Water Management District, West Palm Beach, FL

PREVENTIVE WELL MAINTENANCE "CREATING SUSTAINABLE WATER WELL SYSTEMS" MAINTAINING WELL PRODUCTION AND WATER QUALITY WITH CO2

Stephen Fisher, PG, Technical Director/Hydrogeologist, Subsurface Technologies, FL

PROGRESS, CHALLENGES AND SOLUTIONS IN IMPLEMENTING THE MIAMI-DADE WASTEWATER DEEP WELL INJECTION PROJECTS

Christina Garcia, Hydrogeologist, Miami-Dade Water and Sewer Department and Felipe Franco, Hydrogeologist, Black & Veatch, Miami, FL

A HIGH-RESOLUTION SEISMIC REFLECTION SURVEY TO MAP KARST AND FAULTING IN THE FLORIDAN AQUIFER IN CAPE CORAL

John Jansen, PG, PGp, PhD, Senior Geophysicist & Hydrogeologist, Collier Consulting, Stephenville, TX
Randy Edlestein Jr., PG, Hydrogeologist, City of Cape Coral Utilities Department

PILOTING WORK ON ASR FOR THE LAKE OKEECHOBEE WATERSHED RESTORATION PROJECT

Neil Johnson, Senior Principal, Project Manager, Stantec Inc. West Palm Beach, FL

ASR RELATED BIOLOGGING AND NUTRIENT REDUCTION PROJECT

John T. Lisle, PhD, Microbial Ecologist, US Geological Survey, St. Petersburg, FL

EPA UPDATE ON MANAGED AQUIFER RECHARGE

Jason B. Meadows, Hydrologist, EPA Region 4, Water Division, Safe Drinking Water Branch, Atlanta, GA

DEVELOPING ALTERNATIVE GROUNDWATER SUPPLIES IN CENTRAL FLORIDA: TECHNICAL AND REGULATORY CHALLENGES AND SOLUTIONS

Robert Maliva, Principal Hydrogeologist, WSP USA, Fort Myers, FL

CONSISTENT PERFORMANCE TESTING: A CRITICAL ELEMENT FOR MEASURING AND IMPROVING THE EFFECTIVENESS OF WELL ACIDIFICATION

Andrew McThenia, P.G., Senior Hydrogeologist and W. Kirk Martin, P.G., Principal Scientist, President, Water Science Associates, Fort Myers, FL

FLORIDAN AQUIFER RECHARGE: THE BLACK CREEK WATER RESOURCE DEVELOPMENT PROJECT

Robert Nateway, PE, Bureau Chief, District Projects and Construction, Saint Johns River Water Management District, Palatka, FL

NEW BRAUNFELS TEXAS ASR PROGRAM

R David Pyne, President, ASR Systems LLC, Gainesville, FL

POTABLE REUSE IN FLORIDA AND A REVIEW THE STATUS OF DIRECT AND INDIRECT POTABLE REUSE PROJECTS IN THE US

Jennifer Ribotti, PE, Water/Wastewater Project Manager, Tetrattech, Orlando, FL

REVIEW OF DRILLING TECHNIQUES AND METHODS FOR GROUNDWATER SUPPLY APPLICATIONS THAT MAXIMIZE YIELD POTENTIAL AND MINIMIZE COST

Fred Rothauge, Hydro Resources, Simms, TX

THE GROUNDWATER RECHARGE PROJECT AT FLATFORD SWAMP

Sammy Smith, Hydrogeologist, Southwest Florida Water Management District, Brooksville, FL

ECONOMICS OF PFAS TREATMENT OPTIONS

Cathy Swanson, ChE, Environmental Sustainability Segment Manager, **Purolite**, (Ecolab), **Fullerton, CA**

UNIQUE PUMPING TEST: LOWERING CANAL WATER LEVEL AND MONITORING WELL TRANSECTS TO DETERMINE GROUNDWATER/SURFACE WATER INTERACTION

Patrick Tara, PE, Principal Engineer, Intera Inc., Tampa, FL

UPDATE ON THE LAKE OKEECHOBEE WATERSHED RESTORATION ASR PROGRAM

Robert Verrastro, Principal Hydrogeologist, South Florida Water Management District, West Palm Beach, FL

SUSTAINABILITY AND RESILIENCY FOR UTILITY'S GROUNDWATER SUPPLY APPLYING ADAPTATIVE WELLFIELD MANAGEMENT TOOLS

Presenter from Black & Veatch Corporation

2022 Draft program
Schedule expected next week

REGISTRATION, EXHIBIT and SPONSORSHIP FORM

Florida Groundwater Conference – September 28, & 29, 2022
 Florida Hotel & Conference Center, 1500 Sand Lake Road, Orlando, FL 32809

Register online at www.agwt.org/events

	Sept 28 and 29	Sept 28 or Sept 29
YOU MUST CHECK ONE: →	<input type="checkbox"/>	<input type="checkbox"/> or <input type="checkbox"/>
General Registration*	<input type="checkbox"/> \$450	<input type="checkbox"/> \$245
AGWT Corporate Member* and FGWA members	<input type="checkbox"/> \$425	<input type="checkbox"/> \$220
Full-Time Student* (ID required at Registration)	<input type="checkbox"/> \$120	<input type="checkbox"/> \$80
Presentation ppts download (Registrant Price)	<input type="checkbox"/> \$30	
Speaker – Day of Presentation (Complimentary)	Sept 28 <input type="checkbox"/> \$0	Sept 29 <input type="checkbox"/> \$0
Speaker – Attend Additional Day	Sept. 28 <input type="checkbox"/> \$100	Sept 29 <input type="checkbox"/> \$100
<i>*Registration Includes: morning refreshments, lunches, and day 1 reception</i>		

Field trip to Lake Okeechobee – September 27th \$65 (Available only for two-day registrants)

EXHIBITOR: Exhibit Table (personal registration also required) \$ 300

SPONSOR: Sponsor Levels: \$3,000 \$2,000 \$ 1,000 \$ 500
 \$1,000 and above sponsors have the option of a complimentary registration or exhibit table:
 Complimentary registration or Complimentary exhibit table

If you're interested in sponsoring the coffee & pastries, lunch or reception, please call (800) 423-7748.

Registrant/Sponsor/Exhibitor Information:

Attendee Name _____
 Organization Name _____
 Attendee Email _____
 Position/Job Title _____
 Address _____
 City _____ State _____ Zip _____ Phone _____

Payment Information:

- CHECK [payable to: American Ground Water Trust]
- AMEX/VISA/MC/Discover
- PO # _____

AMOUNT AUTHORIZED \$ _____
 Name on Card _____
 Card No. _____ Expiration Date _____
 Cardholder Email _____

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The American Ground Water Trust is a non-profit 501(c)(3) membership organization dedicated to providing accurate information about water resources, groundwater and wells to citizens, communities and decision makers. Contributions are tax deductible to the extent permitted by law.