



EDUCATION, AWARENESS, & TECHNOLOGY

FLORIDA GROUNDWATER CONFERENCE

January 14 & 15, 2025
Florida Hotel & Conference Center
1500 Sand Lake Rd.
Orlando, FL 32809

PROGRAM

Groundwater Champions



Welcome to the 2025 Florida Groundwater Conference!

The objective of American Ground Water Trust conferences is to showcase topical and/or controversial groundwater issues and to facilitate information sharing among landowners, groundwater end-users, regulators, management agencies, scientists, engineers, lawyers, and citizens who have economic or environmental interests in water resources.

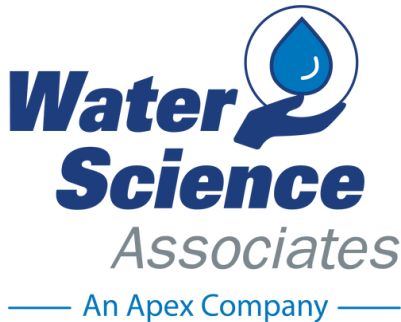
Continuing Education

Application approved for FL Well Drillers (2 R/R and 8 S/B Credits)

Application approved for FL Water and Wastewater Operators (Jan 14th - 0.6 CEUs,
Jan 15th - 0.5 CEUs)

Certificate of Attendance available for all professions

Conference Sponsors



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FUTURE PIPE INDUSTRIES



Tuesday, January 14

- 7:30-8:15 am **Registration & Refreshments Sponsored by Future Pipe Industries, Inc.**
- 8:20-8:30 am **Welcome and Overview of AGWT**
Sara Chudnoff, PG, Executive Director, American Ground Water Trust, Pinetop, AZ
- Moderator** Mike Alfieri, PG, Senior Managing Hydrogeologist, Water Science Associates, Tampa, FL
- 8:30-9:00 am **A Paleo Reconstruction of Florida**
Robin Speidel, PG, Professional Geologist, Water Quality Monitoring Program, Data Collection Bureau, SWFWMD, Tampa, FL
- 9:00-9:30 am **An Overview of the Southwest Florida Water Management District's Available Monitoring Data and Maps**
Sandie Will, PG, Data Collection Bureau Chief, SWFWMD, Brooksville, FL
- 9:30-10:00 am **SWFWMD's Regional Observation & Monitor-Well Program (ROMP) - How & Why**
Jason LaRoche, PG, Chief Professional Geologist, Geohydrologic Data Section, Data Collection Bureau, SWFWMD, Brooksville, FL
- 10:00-10:30 am **Break and Exhibitor Introductions**
- Moderator** TBD
- 10:30-11:00 am **Recent Advances in Borehole Geophysical Logging Tools for Groundwater Applications**
Jim LoCoco, CPG, CEO-Chairman, Mount Sopris Instruments, Denver, CO
- 11:00-11:30 am **Acquisition of High-Density High-Resolution Seismic Reflection Data and Petrophysical Analysis of Geophysical Logs For Improved Subsurface Hydrogeological Characterization of Florida Aquifers**
Theodore Stieglitz, PhD, PG, Senior Geophysicist, Collier Geophysics, Lakewood, CO
- 11:30-12:00 pm **Principles of Efficient Gravel Envelope Well Design**
Kevin McGillicuddy, PG, Chief Hydrogeologist, Roscoe Moss Company, Los Angeles, CA
- 12:00-1:00 pm **Lunch - Sponsored by Water Science Associates (An Apex Company)**
- Moderator** Chloe Johnson, Kimley-Horn, Fort Myers, FL
- 1:00-1:30 pm **Practical Considerations in Aquifer Testing and Assessment**
John Spencer, PG, Senior Hydrogeologist and Matt Wissler, PG, Senior Principal Hydrogeologist, GeoSyntec, Tampa, FL
- 1:30-2:00 pm **Groundwater Quality Issues and Well Rehabilitation Procedures**
Joffry Camp, Account Manager and Randy Roberts, Water Treatment Client Services Manager, Layne (a Granite Company), Pensacola, FL and Mesa, AZ
- 2:00-2:30 pm **Emerging New Chemistries in the Water Well Market Addressing Well Rehabilitation and Well Disinfection**
Edd Schofield, Technical Sales Manager - Well Chemicals, Johnson Screens, Laguna Hills, CA

- 2:30-3:00 pm **Wellfield Management and Maintenance - Don't Run to Ruin**
Augustine Alvarez, Hydrogeologist, Stantec, West Palm Beach, FL
- 3:00-3:30 pm **Break**
- Moderator** TBD
- 3:30-4:00 pm **Keynote**
Water-Quality Impacts of Hurricanes in the Southeastern United States: An Overview of the State of the Science and Knowledge Gaps
Tara Root, Supervisory Hydrologist, USGS Caribbean-Florida Water Science Center, Davie, FL
- 4:00-4:30 pm **Laboratory and Pilot Scale Analysis of Media for Removal of PFAS Compounds – What Can Be Learned and What are the Limitations of the Various Testing Procedures**
Bob Bergsgaard, Key Accounts Mngr., AqueoUSvets, Minneapolis, MN
- 4:30-5:00 pm **Evaluating the Efficacy of Powdered and Granular Activated Carbon for PFAS Treatment: A Study of Wood-Based and Coal-Based Carbons**
Sebastian Sayavedra, Reseach & Developoment Director, **co-authors** Regina Rodriguez, PhD, CEO, Michelle Finn, PhD, Engineer and Benjamin Pepper, Sales Engineer, Carbonxt, Gainesville, FL
- 5:00-6:00 pm **Reception & Networking**

Wednesday, January 15

- 7:30-8:20 am **Registration and Refreshments**
- 8:20-8:30 am **Welcome and Summary of January 14 Presentations**
Leslie Dumas, D.WRE, PE, Senior Water Resource Engineer, Woodard & Curran, Woodbridge, VA/AGWT Board of Director
- Moderator** Caroline Smith, Senior Hydrogeologist, Stantec, West Palm Beach, FL
- 8:30-9:00 am **Keynote**
Issues, Trends, and Changes for UIC Permitting in 2025
Matthew Knoll, Deputy Director, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee, FL
- 9:00-9:30 am **Searching for Storage in All the Right Places**
Leslie Dumas, D.WRE, PE, Senior Water Resource Engineer, Woodard & Curran, Woodbridge, VA
- 9:30-10:00 am **How Underground Injection is Helping Manage Florida's Water Resources**
Jeremy Eaton, PG, Hydrogeologist, ASRus, LLC, Tampa, FL
- 10:00-10:30 am **Break**
- Moderator** Nycole Sharma, PG, Project Manager/Senior Hydrogeologist, Stantec, Tampa, FL
- 10:30-11:15 pm **SFWMD Lake Okeechobee Watershed Restoration Project Aquifer Storage and Recovery Wells: A Project Update**
Sunny Saini, PG, Hydrogeologist, Water Supply Bureau, SFWMD, West Palm Beach, FL and Rick Cowles, PG, Senior Hydrogeologist, Principal, Stantec, Sarasota, FL

- 11:15-11:45 am **Implementing a Salinity Barrier Recharge Well System in Sarasota County**
Tom Farkas, PG, US Southeast Hydrogeology Practice Lead, Jacobs, Tampa, FL and Cliff Harrison, PG, Senior Hydrogeologist, Sarasota County Public Utilities, Utilities Engineering and Planning, Sarasota County, FL
- 11:45-12:15 pm **Pinellas County's Reuse Expansion - Unlocking the Potential of Underground Injection**
Hunter Clasen, PG, PhD, Hydrogeologist, ASRus, LLC, Tampa, FL and Daniel Umberger, PG, Hydrogeologist, Pinellas County Utilities, FL
- 12:15-1:30 pm **Lunch - Sponsored by Florida Design Drilling**
- Moderator** Eli Prescott, Staff Geologist, ASRus, LLC, Tampa, FL
- 1:30-2:00 pm **Optimizing the PRMRWSA's ASR System Using Partially Treated Surface Water**
Ronald Cavalieri, PE, BCEE, Associate Vice President, AECOM, Fort Myers, FL, Kris Ramon, Environmental Compliance Manager, PRMRWSA, Pete Larkin, PG, Vice President, ASRus, LLC and Carlyn Higgins, PhD, PE, Principal Engineer, Hazen & Sawyer, Orlando, FL
- 2:00-2:30 pm **Miami-Dade WASD – Innovations, Injection Well Program Update and Challenges Encountered During Construction**
Manuel Arias, PG, Hydrogeology Technical Services Division, Miami-Dade Water and Sewer Dept., Miami, FL, Felipe Franco, Hydrogeologist, Black & Veatch, Coral Gables, FL and Katrina Gomez, Hydrogeologist, Stantec, Tampa, FL
- 2:30-3:00 pm **Deep Well Injection for Desalination Concentrate Disposal in Polk County, Central Florida**
Robert Maliva, PhD, PG, Principal Hydrogeologist, WSP, Fort Myers, FL
- 3:00 pm **Door Prize Awards**

Conference Exhibitors

AIPG
Airburst Technology
Cotey Chemical
Ecolab
Halliburton - Baroid IDP
Johnson Screens
Layne (a Granite Company)
Mt. Sopris Instruments
Orica Digital Solutions
Roscoe Moss Company

Registration Information

2025 Florida Groundwater Conference - Orlando, FL
January 14 & 15, 2025

Register online at agwt.org/events

Registration Overview

General Registration

2 Day Registration	\$450.00
2 Day Full-Time Student	\$100.00
1 Day Registration (Day 1 or Day 2)	\$245.00
1 Day Full-Time Student (Day 1 or Day 2)	\$ 50.00
AGWT Members (2 Day Registration)	\$425.00
AGWT Members (1 Day Registration)	\$220.00

Speaker Registration

Speaker (Day 1)	\$ 0.00
Speaker (Day 2)	\$ 0.00
Attend - Not Speaker (Day 1)	\$100.00
Attend - Not Speaker (Day 2)	\$100.00

Moderator Registration

2 Day Registration	\$400.00
1 Day Registration	\$200.00
Download of Presentations in PDF - attendees	\$ 30.00
Download of Presentations in PDF - non-attendees	\$100.00

Sponsor and Exhibit Opportunities - See our event webpage for more information or choose options(s) during on-line registration

Checks should be made payable to AGWT
Mail to: American Ground Water Trust
50 Pleasant St., Suite 2
Concord, NH 03301

For questions please call: (603) 228-5444