



EDUCATION, AWARENESS, & TECHNOLOGY

MID-ATLANTIC & the CAROLINAS GROUNDWATER CONFERENCE

November 20 & 21, 2024

Hilton Garden Inn

4050 Cox Road

Glen Allen, VA 23060

PROGRAM

Groundwater Champions



Welcome to the 2024 Mid-Atlantic & the Carolinas 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

Conference Sponsors

Wednesday, November 20

- 7:30-8:15 am **Registration & Refreshments**
- 8:15-8:20 am **Welcome and Overview of AGWT**
Cheryl Gosselin, Director of Business and Finance, American Ground Water Trust, Concord, NH
- 8:20-8:40 am **Knowing Your Limits**
Scott Honeyfield, PE, AGWT Executive Board Member/Principal Emeritus, Parkhill, Amarillo, TX
- 8:40-9:10 am **As the PFAS World has Turned Over the Last Decade**
Patricia Reyes, Director/Federal Services Liaison, Clean Harbors Environmental Services, Washington, DC
- 9:10-9:40 am **South Carolina Private Well PFAS Impact Assessment Update**
Dustin Leypoldt, Hydrogeologist III, SC Dept. of Environmental Services, Columbia, SC
- 9:40-10:10 am **Break and Exhibitor Introductions**
- 10:10-10:40 am **Data Evaluation Framework for Refining PFAS Conceptual Site Models**
Jeff Gamlin, PG, CHG, Principal Hydrogeologist, GSI Environmental Services, Lakewood, CO
- 10:40-11:10 am **Understanding PFAS Sources to Reduce Risks and Operating Costs**
Theresa Landewe, Director/Principal Scientist, INTERA, Bloomington, IN
- 11:10-11:40 am **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**
Neal Megonnel, Vice President of Media Applications, AqueousVets, Pittsburgh, PA
- 11:40-1:00 pm **Lunch (provided)**
- Moderator** Richard Higginbotham, PE, Assistant Project Manager/Hydrogeologist, Emery & Garrett Groundwater Investigations (a Division of GZA), Meredith, NH
- 1:00-1:30 pm **Environmental Assessment of Maryland's First Exclusively Natural Burial Cemetery**
Amy Parrish, PH, Senior Managing Hydrogeologist, Barton & Loguidice, Eldersburg, MD
- 1:30-2:00 pm **Case Study: Successful Remediation of Long Island's Largest Groundwater Contamination Site**
Scott Miller, PE, VP of Business Development, APT Water, Avon, CT
- 2:00-2:30 pm **Break**
- Moderator** TBD
- 2:30-3:00 pm **Geophysical Methods to Image Fractures; What's New and Some Golden Oldies**
Nick Rebman, Geophysicist, Collier Geophysics, Raleigh, NC
- 3:00-3:30 pm **Principles of Efficient Gravel Envelope Well Design**
Kevin McGillicuddy, PG, Chief Hydrogeologist, Roscoe Moss Company, Los Angeles, CA

3:30-4:00 pm **Improve the Reliability and Useful Life of Your Well**
Josh Davis, Account Manager, Layne (a Granite Company), Savannah, GA

4:00-4:30 pm **Well Restoration to Improve Water Quality in the North Carolina Piedmont**
Mike Vaught, PG Senior Hydrogeologist, EGIS, PA, Chapel Hill, NC

4:30-6:00 pm **Reception & Networking**

Thursday, November 21

7:30-8:25 am **Registration and Refreshments**

8:25-8:40 am **Summary of November 20 Presentations**
Scott Honeyfield, PE, AGWT Executive Board Member/Principal Emeritus, Parkhill, Amarillo, TX

8:40-9:10 am **TBD**
Bubba Beasley, PG, Geologist/Founder and CEO, HydroGeo Environmental, Charlottesville, VA

9:10-9:40 am **TBD**
Samuel Caldwell, Hydrologist, USGS-Virginia & West Virginia Water Science Center, Richmond, VA

9:40-10:10 am **Structural Control of Groundwater in the Basement of the Virginia Coastal Plain**
Kenneth Bannister, Director of Environmental Services, Koontz Bryant Johnson Williams, Inc., North Chesterfield, VA

10:10-10:40 am **Break**

Moderator TBD

10:40-11:10 am **Groundwater Resource Development and Monitoring Related to Blasting in the Mid-Atlantic - The Results of Twenty Off-Site Residential Wells for Possible Adverse Impacts**
Peter Foster, PG, Associate Principal/Hydrogeologist and Richard Higginbotham, PE, Assistant Project Manager/Hydrogeologist, Emery & Garrett Groundwater Investigations (a Division of GZA), Meredith, NH

11:10-11:40 pm **Planning for Water Supply Resiliency in Virginia: Amended Local & Regional Water Supply Planning Regulation**
Hannah Somers, Water Supply Planning & Analysis Team Lead, Virginia Dept. of Environmental Quality, Richmond, VA

11:40-1:00 pm **Lunch (provided)**

Moderator

TBD

1:00-1:30 pm

A Comparison of DEQ Groundwater Model Parameters to Site-Specific Aquifer Tests: Implications for Groundwater Withdrawal Permitting in Virginia

Bryant Mountjoy, PG, PMP, Project Hydrogeologist, Stantec, Ashland, VA

1:30-2:00 pm

The Water Resource Assessment of Three Limestone Quarries in Northwestern Georgia

Chris Foldesi, PG, Project Hydrogeologist II, Nutter & Associates, Athens, Georgia

2:00-2:30 pm

Evaluating MAR Well Performance Using Highly Purified Wastewater in the Potomac Aquifer System

Rebecca Nardacci, Research Intern/PhD Candidate, SWIFT Research Center, Suffolk, VA

2:30-3:00 pm

Managed Aquifer Recharge Well Design, Installation and Performance at James River SWIFT

Dan Halloway, PG, Hydrogeologist, Technical Services Dept., Hampton Roads Sanitation District, Suffolk, VA

3:00pm

Door Prize Awards

Conference Exhibitors

Baker Water Systems

Clean Harbors Environmental Services

Cotey Chemical

Johnson Screens

Layne (a Granite Company)

Roscoe Moss Company

Southern Products & Silica Co.

Registration Information

2024 Utah Groundwater Conference - Salt Lake City, UT
August 6 & 7, 2024

Register online at agwt.org/events

Registration Overview

General Registration

2 Day Registration	\$350.00
2 Day Full-Time Student	\$100.00
1 Day Registration (August 6 or 7)	\$200.00
1 Day Full-Time Student (August 6 or 7)	\$ 80.00
AGWT/UGWA/RWUA Members (2 Day Registration)	\$325.00
AGWT/UGWA/RWUA Members (1 Day Registration)	\$175.00

Speaker Registration

Speaker (August 6)	\$ 0.00
Speaker (August 7)	\$ 0.00
Attend - Not Speaker (August 6)	\$100.00
Attend - Not Speaker (August 7)	\$100.00

Moderator Registration

2 Day Registration	\$300.00
1 Day Registration	\$150.00
	\$ 30.00
Download of Presentations in PDF - attendees	\$100.00
Download of Presentations in PDF - non-attendees	

Utah Water Well Workshop

Utah GW Conf Attendee Discount Reg. (please register through NM Water Well Workshop event page)	\$125.00
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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