



24th Annual Groundwater Conference

Wetumpka Civic Center, Wetumpka, Alabama
Wednesday, August 13, 2025

Agenda

7:30 am to 8:30 am

Registration

8:30 am to 8:45 am

Opening Remarks & Welcome

Ed Poolos, ADEM Director

Joe Kelly/ Billie Jean Wascher, ADEM Hydrogeology Section

8:45 am to 9:25 am

Approaches for Low-Impact Groundwater Remediation

Jerry A. Wylie, SynTerra Corporation

9:25 am to 10:05 am

Optimizing Groundwater Extraction in a Karst Environment

Jerry Aycock, Carl Lehman, Stantec

10:05 am to 10:25 am

Break - Visit the Displays

10:25 am to 11:25 am

Geologic Storage of CO₂: Southeast Geologic Storage Hub Development, Regulatory & Legislative Updates, and State/Federal Incentives

Richard Esposito, Southern Company

11:25 am to 11:40 pm

ITRC Update- Richard Hamner, ADEM

11:40 pm to 1:00 pm

Lunch Break- on your own

1:00 pm to 1:45 pm

Groundwater Availability in the Coastal Aquifer of Southwest Louisiana: Foundational Data and Modeling

Max Lindaman, USGS

1:45 pm to 2:45 pm

SESOIL Modified to Simulate PFAS Vadose Zone Leaching

Robert Schneiker, ESCI, LLC

2:45 pm to 3:05 pm

Break - Visit the Displays

3:05 pm to 3:30 pm

Response of Groundwater Levels in Alabama to Climate Variations During the 2023-2024 Water Year

Greg Guthrie, GSA

3:30 pm to 4:00 pm

Modeling and Measuring Septic System Impacts on Groundwater and Surface Water- Ann Ojeda, Auburn University

4:00 pm to 4:30 pm

Challenges of Artesian Well Aquifer Performance Testing

Boone Abbott, Geosyntec Consultants

4:30 pm

Adjourn