



21st Annual Groundwater Conference

Wetumpka Civic Center, Wetumpka, Alabama
Wednesday, August 24, 2022

Draft Agenda

7:30 am to 8:30 am	Registration
8:30 am to 8:45 am	Opening Remarks & Welcome Joe Kelly/ Billie Jean Wascher, ADEM Hydrogeology Section Chip Crockett, Chief, ADEM Groundwater Branch
8:45 am to 9:45 am	Wetumpka impact crater - Understanding Alabama's greatest natural disaster - Dr. David King, Auburn University
9:45 am to 10:00 am	Break - Visit the Displays
10:00 am to 10:30 am	ITRC: An Overview of Purpose and Value - Dusty Hawkins, ADEM
10:30 am to 11:30 am	Connecting the dots: 3D regional aquifer mapping with airborne geophysics in the Mississippi Alluvial Plain – J.R. Rigby, USGS
11:30 am to 1:00 pm	Lunch Break
1:00 pm to 1:20 pm	Saltwater Disposal Wells: An Economic Search to Recover Valuable Metals from Wastewaters - Ann C. Arnold, Geological Survey of Alabama
1:20 pm to 1:40 pm	An overview of drought impacts to the uppermost aquifer across Alabama utilizing groundwater elevations from groundwater monitoring wells at selected ADEM LUST sites and rainfall data – Terri E. Osborne, Geological Survey of Alabama
1:40 pm to 2:00 pm	Karst features and aquifers systems in Alabama – Gheorghe Ponta, Geological Survey of Alabama
2:00 pm to 2:20 pm	WATERSTAR: A new database for storage, retrieval, and evaluation of well and groundwater information for Alabama – Gregory M. Guthrie, Geological Survey of Alabama
2:25 pm to 2:40 pm	Break - Visit the Displays
2:40 pm to 3:20 pm	Results of ISCO/ISCR Treatment on a PCE/Stoddard Solvent NAPL Contaminated Site - Eric Lundy, Deep Earth Technologies
3:20 pm to 4:05 pm	Cap or excavate, and what happens next – Using flow and transport modeling as a decision-making tool in CCR ash basin closure projects - Rong Yu & Johnathan Ebenhack, Synterra Corp.
4:05 pm – 4:35 pm	Quantitative High Resolution Site Characterization (q)HRSC “Bridging the Gap” – Duane Guilfoil, AST Environmental
4:35 pm- 4:50 pm	Questions and Answers / Adjourn