

ANNUAL FORUM



Deep Groundwater

**Nashville, TN
September 23-26**

Deep Groundwater

- **Use of deep groundwater as a drinking water source**
- **Advances in understanding deep groundwater hydrology**

Deep Groundwater Panel

Moderator - **Kevin Frederick**, WY DEQ

Panel - **Joe Tiago**, USEPA OGWDW;

W. Kirk Martin, CDM Smith;

Mike Wireman, USEPA Region 8;

Fred Bloetscher, Florida Atlantic University;

and **Andrew Manning**, USGS

Fred Bloetscher, Florida Atlantic University

- What are the current trends in obtaining and using deep groundwater as a source of drinking water; how are changes in total population, population distribution and/or land use changing freshwater demand?
- Are drinking water systems using deep groundwater as a drinking water source, if so, under what circumstances?
- What are the challenges of using deep groundwater sources, and what are the advantages?

W. Kirk Martin, CDM Smith

- What methods/tools are in use to assess ground water flow and what are their limitations?
- Discuss the hydraulics and geochemistry of the various deep groundwater flow systems.

Andrew Manning, USGS

- What should be done to improve knowledge on deep ground water?
- Discuss the behavior of deep groundwater as a transport medium for dissolved contaminants in the various reservoirs & rock types.
- Research on regional – scale basin modeling.

Mike Wireman, USEPA Region 8

- What current research regarding deep ground water flow is underway?
- What are the alternatives for accurately characterizing deep round water flow?



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