

Ground Water Network Design Issues

Surface Water Network Design Issues

Ground Water Network Design Issues is a prelude to the workshop titled *Clean Water Act/Safe Drinking Water Act Integration: The Ground Water Link*. *Surface Water Network Design Issues* is a prelude to the workshop titled *Statistical Design and Analysis of Monitoring Programs (with emphasis on 305(b) and 303(d) preliminary listing process)*. Both sessions will explore some of the issues associated with designing ground and surface water monitoring programs. By looking at real-life examples of these monitoring programs, we will explore challenges such as collaborating on a multi-agency level, incorporating new technologies, delivering timely and cost-effective information, and designing networks that approach ground and surface water resources as integrated systems.

Moderator: Rick Copeland, FL DEP

The Ground Water Network Design Issues session will include the following presentations:

Selection of Determinand Suites and Sampling Frequency for National Groundwater Quality Monitoring in England and Wales, **John Chilton, British Geological Survey**

Monitoring Network Design for Ground-Water Quality, Wind River Indian Reservation, Wyoming, **Thomas Quinn, U.S. Geological Survey**

Obtaining Comprehensive National Occurrence Data for Methyl-Tert Butyl Ether, Other Volatile Organic Compounds, and By-Products in Community Drinking-Water Sources, **Gregory C. Delzer, U.S. Geological Survey**

Design For Monitoring Ground-Water Quality in the Glacial Deposit Aquifers of the U.S., **Kelly Warner, U.S. Geological Survey**

The Surface Water Network Design Issues session will include the following presentations:

Time-Series Analysis of Water-Quality Trends and Sampling Designs for Streams in Connecticut, **Elaine Trench, U.S. Geological Survey**

A Robust Design for the Assessment of a Great River: Environmental Monitoring and Assessment Program - Upper Missouri River (EMAP-UMR), **William Schweiger, U.S. EPA Office of Research and Development, Mid-Continent Ecology Division**

Monitoring Makeover: Rejuvenating a Long-Term Interagency Monitoring Program in California, **Anke Mueller-Solger, CA Department of Water**

Resources

Moderator: Dale Robertson, USGS