FRTR 2023 Fall General Meeting

Recent Advances in PFAS Characterization Technologies

USGS Headquarters | 12201 Sunrise Valley Drive, Reston, Virginia

November 7, 2023

Agenda

Meeting Objective

The science and technology of site characterization for per-and polyfluoroalkyl substances (PFAS) has advanced in the five years since FRTR last addressed the topic in 2018. Federal agency budgets for PFAS remediation have grown substantially during this time. As a result, site characterization efforts such as Remedial Investigations, as well as early response actions, are underway at many Federal facilities. Funding for field-scale projects to further advance PFAS characterization technology and methodologies also has increased substantially.

The FRTR 2023 Fall General Meeting provides an opportunity for member agencies to share results of recent and on-going PFAS projects that are improving our understanding of PFAS characterization technologies. Specifically, invited presentations and roundtable discussions will explore current best practices for PFAS site characterization, emerging technologies and methods, case studies and current agency needs for technology transfer and future research.

8:00	**Welcome** *Geoff Plumlee, USGS Chief Scientist*
8:10	**Meeting Objective** *Dr. Kent Glover, AFCEC (FRTR Steering Committee Chair)*
8:20	**Best Practices for PFAS Sampling and Evaluation** *Nicolette Andrzejczyk, Navy*
9:00	**Clean Water Act Methods: Overview of EPA's CWA PFAS Method Activities** *S. Bekah Burket, US EPA*
9:40	**BREAK**
10:10	**High Resolution Site Characterization Technologies and Methods for Mapping PFAS Concentration and Mass Flux in Groundwater** *Joseph Quinnan, Arcadis*
10:50	**Technologies and Methods for Characterizing PFAS Mass Flux Near Groundwater Surface Water Interfaces** *Craig Divine, Arcadis*
11:30	**Application of Modified Impact-to-Groundwater Tools for PFAS Assessment** *Matthew Rovero and Richard Wilkin, US EPA*
12:10	**LUNCH**
1:10	**Assessing PFAS Occurrence and Background Concentrations in New Hampshire Soils** *Andrea Tokranov, USGS*
1:50	**Characterization of PFAS Plumes 70 Years in the Making** *Rebecca Higgins, Minnesota Pollution Control Agency*
2:30	**Former Reese Air Force Base Remedial Investigation, PFAS Site Characterization – Complex Migration Pathways** *Paul Carroll, AFCEC*
3:10	**BREAK**
3:40	**Panel Discussion – Current Agency Needs and Ongoing Efforts to Advance PFAS Characterization Technology** *Moderator: Sririam Madabushi (BAH)* *Panel Members to include FRTR Steering Committee Leads, Meeting Speakers, Heather Henry (NIEHS), & Allison Narizzano (SERDP/ESTCP)*
4:40	**Action Items/Adjourn**