

FRTR Spring 2023 General Meeting

Best Practices and Recent Technical Advances in Site Characterization and Conceptual Site Model Development

May 16, 2023

9:00 AM to 5:30 PM Eastern Time

Location

**U.S. Environmental Protection Agency
William Jefferson Clinton West Building
1301 Constitution Ave. NW
Washington, DC 20004**

Meeting Objectives

The FRTR Spring 2023 General Meeting will discuss recent advances in site characterization techniques and Conceptual Site Model (CSM) development and will include technical presentations with case studies highlighting how these advances are being applied to address key challenges at complex sites to improve the level of understanding of site conditions, identify and efficiently address data gaps, support remediation decisions, and accelerate site closure.

9:00	Welcome <i>Emerald Lajja, Acting Deputy Director, Federal Facilities Restoration and Reuse Office (EPA)</i>
	Meeting Objectives and Administrative Business <i>Christopher Zevitas, FRTR Steering Committee (USDOT-Volpe), Kent Glover, FRTR Steering Committee Chair (AFCEC)</i>
9:15	Applications of Environmental Sequence Stratigraphy (ESS) to Remediation Design and Optimization <i>Mark Stapleton, Noblis</i>
10:00	Dye-Laser Induced Fluorescence (Dye-LIF) for Delineating Co-mingled Plumes <i>Jesse Wright, Arcadis; Michael Klosky, ECC; and Randy St. Germain, Dakota Technologies</i>
10:45	Agency Networking Break
11:00	Delineation of a Potentially Trichloroethylene (TCE)-impacted Aquifer via Airborne Electromagnetic Geophysical Survey: No Boots on the Ground <i>Colby Lubanowski, Weston Solutions, Inc.; and Doug Garrie, SkyTEM Canada, Inc.</i>
11:45	Bioremediation: Recent Advances in Site Characterization <i>Tamzen MacBeth, CDM Smith</i>
12:30	LUNCH
1:30	Agency Announcements
1:45	Evaluating Groundwater and Surface Water Interactions <i>Ian Bowen, EPA Region 8</i>
2:30	Compound-specific Isotope Analysis (CSIA) for Source Identification <i>Ramona Iery, Naval Facilities (NAVFAC) Expeditionary Warfare Center (EXWC)</i>

3:15	Agency Networking Break
3:30	Visual Sample Plan (VSP): Defensible Statistical Sampling Design and Geophysical Data Analysis for Site Characterization <i>Jen Hockett, Lisa Newburn, and Fred Day-Lewis, PNNL</i>
4:15	Web-Application Based Digital Conceptual Site Models: A Critical Site Management Tool in the PFAS Age of Groundwater Remediation <i>Colin Plank, Burns & McDonnell</i>
5:00	Concluding Remarks and Action Items <i>Kent Glover, FRTR Steering Committee Chair (AFCEC)</i>
5:30	Adjourn