

# Chlorinated & Recalcitrant Compound Expertise

Battelle Remediation of Chlorinated and Recalcitrant Compounds Conference | Fort Worth, Texas  
May 31-June 4, 2026





**PANELIST** (12:10 pm)

"Mr. Right" versus "Mr. Right Now": What Does the Future Hold for PFAS Remedial Solutions

*Rosa Gwinn, PhD, PG*



**POSTER SESSION A5** (4:30 pm)

PFAS Flux Approach for Making Data-Driven Decisions in an Evolving Regulatory Environment

*William Leys*



**PLATFORM SESSION H1** (1:25 pm)

Cometabolic Bioremediation of NDMA and TCE via Biostimulation and Bioaugmentation in Groundwater and Fractured Rock

*Francisco Barajas Rodriguez*



**POSTER SESSION C4** (4:30 pm)

From Identification to Remediation: A Decade-Long PFAS Journey

*Sriram Madabhushi, PMP, PG*



**PLATFORM SESSION D2** (2:15 pm)

Advancing Source Zone Remediation: Continuous ISCO with Electrobiogeochemical Reactors in Fractured Bedrock

*Doug Gray*



**POSTER SESSION C5** (4:30 pm)

Beyond a Fingerprint: Using Chemometrics and Machine Learning to Enrich PFAS Investigations

*Zachary Neigh*



**PANELIST MODERATOR** (2:40 pm)

PFAS Remediation: Leveraging Lessons From Legacy Sites for Today's Demands

*Sriram Madabhushi, PMP, PG*



**POSTER SESSION H1** (4:30 pm)

Microbial Community in Combined Treatment of Perchlorate and Chlorinated Solvents in a Fluidized Bed Reactor

*Peter Stumpf, PE*



**POSTER SESSION G1** (4:30 pm)

Assessing Water Quality in a Dewatering Mine Pit Lake Using UAS and Remote Monitoring Technology

*Mike de Kozlowski, CEPSCI*



# Tuesday, June 2



**SESSION CHAIR SESSION C3** (8:00 am)

Water Treatment Case Studies

*Rebecca Higgins*



**PANELIST** (10:30 am)

Paying for PFAS: How Much and Who

*Rebecca Higgins*



**PLATFORM SESSION F2** (8:25 am)

Dual-Component CSM Development for Natural Attenuation Assessment in Complex Geology

*Doug Gray*



**PLATFORM SESSION C4** (1:25 pm)

Developing a Conceptual Site Model for Project 1007: Finding out How >100 Square Miles of Drinking Water became PFAS Impacted

*Hanna Temme, PhD*



**PLATFORM SESSION C3** (9:15 am)

Optimization of Groundwater Extraction Well Field to Enhance Removal of PFAS Mass from a Karst Aquifer

*Rachael Casson*



# Wednesday, June 3



**SESSION CHAIR SESSION H5** (8:00 am)  
 Evaluating surface Water/Groundwater Interactions:  
 Innovative Monitoring Approaches and Modeling  
 Applications  
*Hanna Temme, PhD*



**PLATFORM SESSION A5** (8:25 am)  
 Leveraging Vadose Zone Modeling to Fill Data Gaps,  
 Estimate Discharge, and Evaluate Remedial Action  
 for PFAS Contamination  
*Simin Akbariyeh, PhD, PE*



**SESSION CHAIR SESSION G6** (10:05 am)  
 Multi-Site Portfolios: Optimizing Data Management  
*Christine Wallace*



**PLATFORM SESSION H6** (10:05 am)  
 Collaborative Pilot Testing to Support Remedial  
 Design of Large CVOC Plumes  
*Neil Thurber, PE*



**PLATFORM SESSION D7** (10:30 am)  
 Biostimulation and Bioaugmentation to Reduce  
 Chlorinated VOC Mass Flux within Fractured  
 Bedrock Conditions  
*Doug Gray*



**PLATFORM SESSION G6** (10:30 am)  
 Streamlining Environmental Data Management:  
 Centralized Systems for Efficiency, Consistency,  
 and Informed Decision-Making  
*Christine Wallace*



**PLATFORM SESSION G7** (1:00 pm)  
 Remediation of Chlorinated Solvents Plumes by  
 ISCR in Active Plant for Risk Management and  
 Plume Control  
*Eduardo Pujol, SGW*  
*Monica Peres Menezes, PhD, PE*



**PANELIST** (2:40 pm)  
 Addressing the Challenges of PFAS and Other  
 Emerging Contaminants in the Semiconductor  
 Industry  
*Moha Ateia Ibrahim, PhD*



**PLATFORM SESSION G8** (3:05 pm)  
 Application of Chlorinated VOC Remediation at an  
 Active Property with Limited Access and Complex  
 Subsurface Conditions  
*Doug Gray*



# Wednesday, June 3



**POSTER SESSION E6** (4:30 pm)  
DNAPL Impacts in Karst Bedrock and Implications  
for Site Closure  
*Rai Bosch, PhD, PG*



**POSTER SESSION G8** (4:30 pm)  
Performance Monitoring of an  
Activated Carbon Barrier Pilot Test  
*Steven Gaito*



**POSTER SESSION C7** (4:30 pm)  
Leveraging PFAS RI Results for a Comprehensive  
Remedial Approach  
*Mackenzie Hirt*



**POSTER SESSION E7** (4:30 pm)  
Applying Environmental Sequence Stratigraphy  
to Inform PFAS Field Investigation at a Former Air  
Force Base  
*Ryan Samuels*



**POSTER SESSION C7** (4:30 pm)  
Communicating PFAS Challenges and Opportunities  
to Stakeholders  
*Sriram Madabhushi, PMP, PG*



**POSTER SESSION C10** (4:30 pm)  
Leveraging Environmental Sequence Stratigraphy  
to Inform the Development of a Numerical  
Groundwater Model: Cannon AFB, New Mexico  
*Ryan Samuels*



**POSTER SESSION B8** (4:30 pm)  
Optimizing Treatment of PFAS in Surface Water via  
Foam Fractionation Coupled with PFAS Destruction  
*Rebecca Mora*



**POSTER SESSION C7** (4:30 pm)  
Field-Scale Evaluation and Modeling of  
Biosparging to Deplete Groundwater  
Contaminants from Creosote  
*Randy Sillan, PhD, PE*



# Thursday, June 4



**SESSION CHAIR SESSION C7** (8:00 am)  
**PFAS Program Management in a Rapidly Changing  
 Regulatory Environment**  
*Rosa Gwinn, PhD, PG*



**PLATFORM SESSION B7** (11:20 am)  
**Commercial Non-solvent Process for the  
 Regeneration of PFAS Ion Exchange Resins: Third  
 Party Validation and Life Cycle Cost Implications**  
*Francisco Barajas Rodriguez*



**PLATFORM SESSION C7** (8:25 am)  
**Headwinds for CERCLA PFAS Investigations: A Case  
 Study in Program Management for Army National  
 Guard's Nationwide PFAS Program**  
*Claire Mitchell, PE, PMP*



**PLATFORM SESSION C10** (2:40 pm)  
**Avoiding Past Pitfalls: What Legacy Remediation  
 Teaches Us About PFAS Response Strategies**  
*Sriram Madabhushi, PMP, PG*



**PLATFORM SESSION C8** (10:05 am)  
**Wet Weather Events and PFAS Sorption-Based  
 Treatment for Urban Streams: Understanding How  
 Rain Events Affect Water Quality and PFAS Loading**  
*Francisco Barajas Rodriguez*



**PLATFORM SESSION E11** (3:05 pm)  
**When Thickness Misleads: Using Transmissivity to  
 Reevaluate LNAPL Conditions in High K Limestone**  
*Steven Gaito*



**PANELIST** (10:05 am)  
**PFAS Residuals Management Strategies and  
 Lifecycle Insights**  
*Hanna Temme, PhD & Moha Ateia Ibrahim, PhD*

