

Battelle Chlorinated Conference

May 22-26
Palm Springs, CA

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Monday, May 23



PLATFORM SESSION F1

Critical Review of PFAS Fate and Transport Modeling: Finding Paths through the Fog of Uncertainty

Mahsa Shayan



POSTER SESSION E2

Next Generation Sequencing and Microbiology of PFAS-Laden Surface Water Foams

Barry Harding



POSTER SESSION B4

ISCO of Really-High-Concentrations of MTBE and TBA in Groundwater Using Activated Persulfate

Assaf Rees



POSTER SESSION F2

A Robust PFAS Fate and Transport Model for a Chrome-Plating Facility

John Cuthbertson



POSTER SESSION D2

Comparison of Geochemical and Arsenic Speciation Conditions to Evaluate Potential Landfill Impacts to Groundwater

Doug Gray



POSTER SESSION F3

Remediation of PFAS-Impacted Soil: Has Technology Outpaced Regulation? An Australian Perspective

Jonathan Ho



POSTER SESSION D4

Evaluation of Mass Discharge to Surface Water in a Tidally-Influenced Aquifer by Passive Flux Meters

Holly Brown

Monday, May 23



POSTER SESSION F4

PFAS Sleuthing at Ambiguous Release Areas: Combining Tools and Resources for a Fuller Picture

Sam Bartlett



POSTER SESSION G1

Application of Multiple Remedial Techniques and Approaches at a Former Pharmaceutical Manufacturing Facility

David Russell



POSTER SESSION F4

Pattern Recognition of Large-Scale PFAS Forensic Signature Variations to Identify Emergent Properties of Environmental Fate and Transport

Zachary Neigh



POSTER SESSION G4

Comparison of Methods for Assessing NSZD at Paved Fuel Retail Sites

*Brad Koons presenting, lead author
Jonathon Smith*



POSTER SESSION F4

PFAS Data Forensic Analysis: California Case Study

Mahsa Shayan



POSTER SESSION I1

Serving Potable Water from an "Extremely Impaired" Groundwater Superfund Source

Douglas Roff



POSTER SESSION G1

A Collaborative Stakeholder Success Story: Consent Order Termination at a Pipeline Spill in Rural Idaho

Barry Harding

Tuesday, May 24



PLATFORM SESSION A2

In Situ Geochemical Stabilization (ISGS)
of DNAPL: Bench-Scale and Pilot-Scale
Demonstration Results

Doug Gray



PLATFORM SESSION I3

In Situ Ozone and Hydrogen Peroxide
Remediation of 1,4-Dioxane in the Coastal
Plain Region of North Carolina

Caleb Krouse



Wednesday, May 25



PLATFORM SESSION B4

ISCO Using Sequential Activation Methods for Sodium Persulfate for Treatment of PCP and DRO

Assaf Rees



PLATFORM SESSION C5

Modeling Depletion of Mixed NAPLs to Evaluate Risk to Groundwater and Remediation Timeframe

Randall Sillan



PLATFORM SESSION D6

Mitigate Long-Term Back-Diffusion from Low-K Unit with Horizontal ISCO Barriers

He Huang



PLATFORM SESSION E5

A Statewide PFAS Assessment of Wastewater Treatment Plants in Michigan: Occurrence and Temporal Variations

Dorin Bogdan



PLATFORM SESSION E6

Passive Treatment of PFAS-Impacted Stormwater

John Cuthbertson



PLATFORM SESSION I6

Application of Geology-Focused Approach in the Implication at a Site with Complex Geology and Site Logistics

Katharine Carr



POSTER SESSION A7

Combined Innovative Remedial Technologies to Facilitate Active Remediation System Replacement and Property Transfer

Doug Gray



POSTER SESSION C10

Climate Change Analysis of Remedies for Terrestrial Operable Units at Naval Base Kitsap Bremerton, Bremerton, WA

Steve McKnight



POSTER SESSION D7

Introducing a Novel Amendment Technology in the Remediation of Mercury-Contaminated Soils at a Legacy Munitions Production Site

Doug Gray

Wednesday, May 25



POSTER SESSION F5

Large Full-Scale In Situ Remediation of PFAS in Groundwater Using PlumeStop™

Rebecca Mora



POSTER SESSION F6

Electrochemical Degradation of PFAS Mass in Redundant Stocks of AFFF Concentrate and First Flush Wash Water: Pilot-Scale Field Demonstration

Rachael Casson



POSTER SESSION G5

Development of a Biogeochemical Conceptual Site Model Using Molecular Biological Tools at a Petroleum Terminal in Pasco, Washington

Francisco Barajas-Rodriguez



POSTER SESSION G6

Using LNAPL Transmissivity to Define LNAPL Recovery to the Extent Practicable: But Why 0.1 to 0.8 ft²

Steven Gaito



POSTER SESSION G6

Automated NAPL Thickness Monitoring Using a Pressure Datalogger Deployed at a Variable Depth

Steven Gaito



POSTER SESSION I6

Role of Sequence Stratigraphy in Remediation Geology: An Example from the Puchack Well Field Superfund Site, New Jersey

Junaid Sadeque



POSTER SESSION I6

Using Sequence Stratigraphy to Inform RI Activities at a Superfund Site Located within a Complex Fluvial Setting

Ryan Samuels



POSTER SESSION I7

Leveraging PRISM® to Assess Contaminant Migration Pathways at a Complex Geologic Site, Washington, DC

Ryan Samuels



POSTER SESSION I8

Application of Sequence Stratigraphy in Developing Remediation Strategy in LNAPL-Impacted Sites

Junaid Sadeque

Thursday, May 26



PLATFORM SESSION C9

In Search of PFAS
Hyperaccumulation in Plants
Barry Harding



PLATFORM SESSION I8

Using Sequence Stratigraphy to
Inform a PFAS RI: Cannon AFB,
New Mexico
Ryan Samuels

