

2022 International Workshop on Advanced Modeling, Characterization, and Remediation Technologies for Contaminated Sites

Day 1: 12:45 AM to 8:40 AM (GMT), December 14 (Wed.), 2022

08:45 AM to 16:40 PM (Taiwan Time), December 14 (Wed.), 2022

Time(GMT)	Topic	Presenter
12:45-01:00	Registration	
01:00-01:20	Opening Remarks & Group Photos Taiwan EPA: Deputy Minister – Hung-Teh Tsai US EPA: Assistant Administrator of International and Tribal Affairs – Jane Nishida	
01:20-01:50	Conceptual Site Model and Cleanup Modifications Responding to Nature Based Extreme Conditions	Dora Chiang (WSP)
01:50-02:20	Characterization and Monitoring Using Electrical Hydrogeology	Todd Halihan (Aestus, LLC)
02:20-02:50	Geology Best Practices: Conceptual Site Model Development for Site Characterization and Remediation	Cindy Frickle (US EPA)
02:50-03:10	Tea Break	
03:10-03:40	Using High-Resolution Site Characterization for Optimize Remediation Outcome.	John Sohl (Columbia Technologies)
03:40-04:10	Nuclear Magnetic Resonance Geophysical Investigations	Brad Cross (ERM)
04:10-04:30	Day 1 Morning Session – Q&A	
04:30-05:30	Lunch	
05:30-06:00	Combined Remedies	Jim Cummings (US EPA)
06:00-06:30	Combinations of Emulsified Vegetable Oil and Sulfidated ZVI	Michael Lee (Terra Systems, Inc.)
06:30-07:00	Bundling Complementary Abiotic and Biotic Technologies: Lesson Learned	Paul Dombrowski (ISOTEC Remediation Technologies)
07:00-07:20	Tea Break	
07:20-07:50	Simultaneous Treatment of Heavy Metals and cVOCs in Soil & Groundwater	Alan Seech/Dan Leigh (Evonik)
07:50-08:20	Increasing Remedial Efficiency by Combining Abiotic and Biotic Technologies	Will Moody (Provectus Environmental Products)
08:20-08:40	Day 1 Afternoon Session – Q&A	

Day 2: 12:45 AM to 8:20 AM (GMT), December 15 (Thu.), 2022

08:40 AM to 16:20 PM (Taiwan Time), December 15 (Thu.), 2022

Time(GMT)	Topic	Presenter
12:40-01:00	Registration	
01:00-01:30	Fiscally Conscious DNAPL Remediation – Legacy Liability to Managed Closure – Phased Application of Combined Remedies	Bill Brab (AST Env)
01:30-02:00	Bioremediation of Chlorinated Solvents and Mixtures	Laurie LaPat-Polasko (Matrix New World Engineering)
02:00-02:30	An Innovative Solution for Sits with Low-Permeability Geology: Electrokinetic (EK) Amendment Delivery for In Situ Remediation	James Wang (Geosyntec Consultants)
02:30-03:00	Thermal Remediation in Low-Permeability Materials	Steffen Griepke (Cascade/TerraTherm)
03:00-03:20	Tea Break	
03:20-03:50	Injection of Powdered Activated Carbon in Low Permeability Strata	Ed Winner (RPI)
03:50-04:20	Reducing Time of Remediation at Clay and Fractured Rock Sites: Marrying Permeability Enhancement with Remediation Chemistry	Lowell Kessel (CERES)
04:20-04:40	Day 2 Morning Session – Q&A	
04:40-05:40	Lunch	
05:40-06:10	Balancing Technology & Investigations to Drive Remedial Success	Joe Quinnan/ Scott Potter (Arcadis)
06:10-06:40	Tracking Sustainable Remediation	Betsy Collins (Jacobs)
06:40-07:00	Tea Break	
07:00-07:30	PFAS Overview	Jim Cummings (US EPA)
07:30-08:00	Remedial Futures	Jim Cummings (US EPA)
08:00-08:20	Day 2 Afternoon Session – Q&A	
08:20	Workshop Ends	

* The organizers reserve the rights to adjust the agenda.