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Workshop Schedule

Day 1: Geologic and Geotechnical Site Characterization

Moderators: Kevin Richards and Cassandra Wagner

7:00-7:45am		Continental Breakfast
8:00-8:10am	Kevin Richards, USACE and Cassandra Wagner, USACE	Welcome and Overview of Workshop
8:10-9:10am	Doug Boyer, FERC	Keynote - Overview and Evolution of Geologic and Geotechnical Site Characterization
9:10-10:15am	Tom Terry, USACE; Scott Walker, TVA; Kathleen Bensko, FERC; Bryan Simpson, USBR	Best Practices for Planning Site Investigations at Dams and Levees
10:15-10:30am		Break
10:30-11:25am	Tom Terry, USACE; Scott Walker, TVA; Kathleen Bensko, FERC; Bryan Simpson, USBR	Best Practices for Performing Site Investigations at Dams and Levees
11:25am-12:00pm	Kevin Richards, USACE, as Moderator	Round Table - Best Practices for Site Investigations at Dams and Levees
12:00-1:00pm		Lunch
1:00-1:50pm	Ron Hall, Nicholson Construction	A Driller's Perspective: Techniques, Problem Resolution, and Common Issues with Specifications and Work Plans
1:50-2:30pm	Mark Elson, USACE	Best Practices Techniques, Problem Resolution, Specifications.
2:30-2:45pm		Break
2:45-3:25pm	Jeff Schaefer, Schaefer Geotechnical Consulting	Potential for Hydraulic Fracturing When Drilling in Embankment Dams and Levees
3:25-4:05pm	Dr. Dom Galic, USBR	Investigation Best Practices for Sites with Potential Liquefaction - Prosser Creek Dam Case History
4:05-4:45pm	Fred Snider and Hawkins Gagnon, Schnabel Engineering	Case Histories - Building and Using 3D Models to Plan and Execute Site Characterizations
4:45-5:15pm	Cassandra Wagner, USACE as Moderator	Roundtable Discussion
5:15-6:30pm		Welcome Reception

Day 2: Advanced Dam Remediation Applications and Risk Assessments**Moderators: Kevin Richards and Cassandra Wagner**

7:00-7:45am		Breakfast
8:00-8:10am	Kevin Richards, USACE and Cassandra Wagner, USACE	Welcome, agenda for the day
8:10-9:10am	Donald Bruce, GeoSystems, L.P.	Keynote - Review of Specialty Geotechnical Construction Techniques for Dams & Levees
9:10-10:00am	Steven Shifflett and Will Ailstock, USACE	Rough River Dam - Foundation Grouting, Cutoff Wall Design, and Design Modifications to Outlet Work Design
10:00-10:15am		Break
10:15-11:05am	Scottie Barrentine, TVA	Boone Dam, TN (TVA) - Instrumentation During Grouting and Cutoff Wall Construction
11:05am-12:00pm	David Paul, Paul GeoTek Engineering, LLC	Emergency Repairs to Mosul Dam in Iraq: A High Risk Dam on a Karst Foundation
12:00-1:00pm		Lunch
1:00-1:40pm	Vanessa Bateman, USACE	Keynote: Construction Data Management Systems and Lessons Learned
1:40-2:20pm	Stefano Valagussa, TREVIIICOS	Contractors Perspective - Working on Large Projects
2:20-2:35pm		Break
2:35-3:15pm	Jeff Schaefer, USACE	Dam and Levee Safety Risk During Remedial Construction
3:15-3:55pm	Nathan Snorteland, USACE	Keynote: Transitioning to Risk-Informed Designs for Dams and Levees
3:55-4:00pm	Kevin Richards, USACE and Cassandra Wagner, USACE	Closing