

Final Agenda
**Interagency Steering Committee on Performance and Risk Assessment Community of
Practice Annual Technical Exchange Meeting**

December 11 and 12, 2014
The National Atomic Testing Museum
755 E Flamingo Road, Las Vegas, NV 89119

Theme: Best Practices in Performance and Risk Assessments in Support of Risk-Informed, Cost-Effective Environmental Management Decisions

DECEMBER 10, 2014 (WEDNESDAY)

Tour of the Nevada National Security Site (Optional)

7:15 am – 6:30 pm Registered participants only. Pick up and drop off at the Parking Lot of the National Atomic Testing Museum.

DECEMBER 11, 2014 (THURSDAY)

7:30 – 8:00 am Registration

8:00 – 8:15 am Management Remarks, Mr. Bill Levitan (DOE EM)

8:15 – 8:30 am Status Updates on the Performance and Risk Assessment Community of Practice (P&RA CoP), Dr. Ming Zhu (DOE EM)

Keynote Presentations:

8:30 – 9:30 am National Academy of Sciences Workshops on Best Practices for Risk-Informed Decision Making Regarding Contaminated Sites, Dr. Jennifer Heimberg (National Academy of Sciences)

9:30 - 10:30 am Hanford Site-wide Risk Review, Dr. David Kosson (Vanderbilt University)

10:30 – 10:45 am Break

Topical Presentations:

10:45 am – 11:45 pm Analysis of Environmental Monitoring Data following Site Closure, Dr. Rich Bush (DOE LM)

11:45 am – 12:45 pm Lunch

12:45 – 1:45 pm On Performance of Covers and Liners, Dr. Craig Benson (University of Wisconsin) & Mr. Mark Phifer (SRNL)

- 1:45 – 2:45 pm Interstate Technology & Regulatory Council (ITRC) Remediation Management of Complex Sites: Case Studies and Guidance, Dr. Hope Lee (PNNL)
- 2:45 – 3:00 pm Break
- 3:00 – 4:00 pm Risk Analysis and Decision-Making under Uncertainty, Dr. Mary Hill (University of Kansas) & Dr. Ming Ye (Florida State University)
- 4:00 – 5:00 pm Cementitious Barrier Partnership (CBP) Toolsets, Dr. Kevin Brown (Vanderbilt University)
- 5:00 – 6:00 pm Advanced Simulation Capability for Environmental Management (ASCEM) Software Capabilities and Performance Assessment Deployments, Dr. Greg Flach (SRNL)

DECEMBER 12, 2014 (FRIDAY)

Site Presentations:

- 8:00 – 9:00 am Lessons Learned and Best Practices in Savannah River Site Saltstone and Tank Farm Performance Assessments, Mr. Kent Rosenberger (SRR)
- 9:00 – 10:00 am Use of Barrier Analysis in NRC Staff's Performance Assessment Reviews, Ms. Cynthia Barr (NRC)
- 10:00 -10:15 am Break
- 10:15 -11:15 am Hanford Site Waste Management Area C Performance Assessment - Current Status, Mr. Marcel Bergeron (WRPS) & Dr. Alaa Aly (INTERA)
- 11:15 am – 12:15 pm Performance Assessment Updates for Waste Isolation Pilot Plant Recertification, Dr. R. Chris Camphouse (SNL)
- 12:15 am – 1:15 pm Lunch
- 1:15 – 2:15 pm Nevada National Security Site (NNSS) Underground Test Area (UGTA) Flow and Transport Modeling, Dr. Bob Andrews (Navarro-INTERA)
- 2:15 – 3:15 pm NNSS Low Level Waste Landfill Performance Assessment Updates for New Waste Streams, Mr. Greg Shott (NSTec)
- 3:15 – 3:30 pm Break
- 3:30 – 4:30 pm Use of Probabilistic Performance Assessment in Support of West Valley Decommissioning Phase 2 Studies, Dr. Zintars Zadins (Chenega)
- 4:30 – 6:00 pm Discussions, All Participants