

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

December 15 and 16, 2015
Washington State Department of Ecology Offices
Richland, WA

Theme: Interpretation of Performance and Risk Assessment Results

DECEMBER 15, 2015 (TUESDAY)

7:30 – 8:00 am Registration
8:00 – 8:05 am Welcome Remarks, Ms. Jane Hedges (WA Ecology)
8:05 – 8:15 am DOE Management Remarks, Mr. Robert Seifert (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 – 9:15 am Economics of Environmental Cleanup, TBD (DOE EM)
9:15 - 10:15 am A Regulator's Perspective on Interpretation of Performance and Risk Assessment Results, Dr. David Esh (NRC)
10:15 – 10:30 am Break

Session 1: Uncertainty Quantification and Sensitivity Analyses for Model Confidence Building

10:30 am – 11:15 pm Approaches for Uncertainty Quantification and Sensitivity Analysis, Dr. Matt Kozak (INTERA)
11:15 am – 12:00 pm Use of Performance and Risk Assessment to Focus R&D Activities (Mr. Kent Rosenberger, SRR)
12:00 pm – 12:30 pm Discussion, Dr. Matt Kozak (INTERA) & Mr. Kent Rosenberger (SRR) Lead
12:30 – 1:30 pm Lunch

Session 2: Data Analyses and QA for Model Support

1:30 – 2:15 pm Parametric Scaling from Saltstone Testing, Mr. Kent Rosenberger (SRR)
2:15 – 3:00 pm QA Requirements for Model Development and Applications, Mr. Bob Murray (DOE EM)/Mr. James O'Brien (DOE AU) (Invited)

3:00 – 3:30 pm Discussion, Mr. Kent Rosenberger (SRR)/Mr. George Alexander (NRC), and Mr. Bob Murray (DOE EM)/ Mr. James O’Brien (DOE AU) Lead

3:30 – 3:45 pm Break

Session 3: Interpretation of Results

3:45 – 4:30 pm Uncertainty Analysis to Demonstrate Compliance, Mr. Roger Seitz (SRNL)

4:30 – 5:15 pm Addressing Uncertainty Associated with Long Timeframes, Mr. Chris McKenney (NRC)

5:15 – 5:45 pm Discussion, Mr. Roger Seitz and Mr. Chris McKenney (NRC) Lead

DECEMBER 16, 2015 (WEDNESDAY)

Session 4: International and Other Program Updates

8:00 – 9:00 am IAEA Modelling and Data for Radiological Impact Assessments (MODARIA) Program Overview, Mr. (IAEA)

9:00 -9:45 am Cementitious Barrier Partnership Program Update, Mr. Pramod Mallick (DOE EM)/Dr. Kevin Brown (Vanderbilt)

9:45 – 10:15 pm Summary of NWTRB Deep Borehole Disposal Workshop, Dr. Bret Leslie (NWTRB)

10:15 -10:30 am Break

10:30 – 11:00 pm Deep Borehole Disposal Performance Assessment, Dr. Geoff Freeze (SNL)

11:00 – 11:30 am Discussion, Dr. Geoff Freeze (SNL)/Dr. Bret Leslie (NWTRB), Mr. Pramod Mallick (DOE EM)/Dr. Kevin Brown (Vanderbilt) Lead

Session 5: Performance and Risk Assessment Case Studies

11:30 am – 12:30 pm Preliminary Results from the Hanford Waste Management Area C Performance Assessment, Mr. Chris Kemp/Mr. Ryan Beach (DOE ORP)/Mr. Marcel Bergeron (WRPS)

12:30 – 1:30 pm Lunch

1:30 – 2:15 pm WIPP Performance Assessment: Current Status and The Road Ahead, Dr. Todd Zeitler (SNL)

2:15– 3:00 pm Portsmouth On-Side Disposal Facility Performance, Mr. Johnny Reising (DOE PPPO)/Dr. Jyh-Dong Chiou (FBP)

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| 3:00 – 3:15 pm | Break |
| 3:45 – 4:00 pm | Groundwater Modeling in Support of Record of Decision for the 200-BP-5 and 200-PO-1 Operable Unit at the Hanford Site, Mr. Doug Hildebrand (DOE RL)/Dr. Alaa Aly (CHPRC) |
| 4:00 – 4:45 pm | Savannah River Site Saltstone and E Area Performance Assessments, Mr. Kent Rosenberger (SRR) and Mr. Roger Seitz (SRNL) |
| 4:45 – 5:30 pm | Discussions, All Participants |

DECEMBER 17, 2015 (THURSDAY)

Tour of the Hanford Site (Optional)

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| 8:00 am – 5:00 pm | Registered participants only. Pick up and drop off in parking lot of the Federal Building at 825 Jadwin Avenue, Richland, WA 99352. Tour guide: Mr. Doug Hildebrand (DOE RL). |
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