

2003 EMSP Workshop

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- Great annual event
- Direct Interaction w/ the principal investigators
- Better understanding of the ongoing S & T scope, problems and future path forward
- Direct input from the regulators on their needs and changes that can benefit tri-parties in clean up related decision making on a short / long term basis.

- **Problem:** Hanford Site cannot be cleaned using the currently available technologies to meet the federal and state regulatory standards
 - **Needs innovative applied technologies and for that we need to understand the fundamental science behind it (physico-chemical principles, etc.). There is no short cut!!**
- **Time:** USDOE's /Tri parties accelerated cleanup plans vs. scientific understanding and discovery/innovation
- **Specific Issues:** Sr-90, CCL-4, U, Tc-99, Vadose zone monitoring, Scientific basis of Natural attenuation, multi phase flow and transport, cost effective characterization and monitoring, risk assessment, *High level waste, etc.*
- **Ecology participation**
- **Needs More Communication and Interactions**