



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Agency Roundtable Discussion: FRTR Platform for Future Collaboration

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Federal Remediation Technologies Roundtable

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FRTR Benefits

- NRC staff has benefitted from FRTR activities which provided access to information and tools on:
 - Coupling of monitoring and remediation strategies, particularly for Monitored Natural Attenuation (MNA) of radionuclides;
 - Modeling of contaminant transport in fractured rock; and
 - In-situ bioremediation of contaminants in water-table aquifers.
- FRTR could further assist by conducting workshops on lessons learned from case studies which integrate characterization, monitoring and modeling for remediation.

Suggestions for Possible FRTR Collaborations

- Characterization and survey guidance to support remediation and clean-up of radionuclides at complex sites.
- Modeling for risk/dose analysis to demonstrate compliance with site release criteria and/or end-state determinations.
- In-situ bioremediation of uranium and associated contaminants in water-table aquifers.
- Decision criteria and tools for analyzing monitoring data to determine if more pro-active remediation methods are needed.
- Lessons learned from U.S. and international programs for remediation and decommissioning activities of complex and legacy sites.