

October 12, 2017

Title: Federal Remediation Technologies Roundtable General Meeting

Date(s) and Time(s): November 08, 2017, 08:30 AM to 04:30 PM

Location: NRC Two White Flint North, 2B03 (ACRS Conference Room)
11545 Rockville Pike
Rockville, MD

Category: This is a Open meeting. Public participation is actively sought for this meeting to fully engage the public in a discussion of regulatory issues.

Purpose: The purpose of this Federal Remediation Technologies Roundtable (FRTR) Meeting is to identify and discuss existing and new innovative remediation technologies with their technical bases which have been or may be applied for radionuclide and heavy metal contaminants in soil, ground water and sediments.

Share experiences and lessons learned in the application of these remediation technologies for radionuclides and heavy metals.

Contact:	Cindy Frickle (EPA) 703-603-8763 frickle.cynthia@epa.gov	Thomas Nicholson 301-415-2471 thomas.nicholson@nrc.gov
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Participants:	<u>NRC</u> Tom Nicholson, Office of Nuclear Regulatory Research	<u>External</u> Dan Powell, US Environmental Protection Agency
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Comments: Please complete free registration at: <https://frtr.gov/> for all attendees

For remote attendees must use EPA's Adobe Connect as cited in <https://frtr.gov/> with the registration information. Click on "FRTR Meetings" which takes you to: <https://frtr.gov/meetings.htm> ; and go to registration at: <https://trainex.org/offeringlist.cfm?courseid=1145&all=yes> . The Adobe Connect will provide both audio and visual presentation information.

PUBLIC MEETING AGENDA

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November 08, 2017, 08:30 AM to 04:30 PM

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11545 Rockville Pike

Rockville, MD

8:30 a.m.	Welcome <i>Ed Hackett, Deputy Director, Office of Nuclear Regulatory Research, U.S. NRC.</i>
8:35	Meeting Objectives & Administrative Business <i>Kent Glover, Chair, FRTR Steering Committee, DOD-USAF Tom Nicholson, U.S. NRC-RES and Paul Beam, DOE-EM (Meeting Moderators)</i>
Overview of the State-of-the-Practice in Applying Remediation Technologies for Radionuclides and Heavy Metals in: Soil, Ground Water and Sediments	
8:45	Overview of Remediation Technologies for Radionuclides in Soil and Ground Water <i>Mike Truex, PNNL (Introduced by Paul Beam, DOE-EM)</i>
9:15	Overview of Remediation Technologies for Heavy Metal Contaminants <i>Professor Mark Bricka, Mississippi State (Introduced by Carol Dona, DOD-Army)</i>
Field Demonstrations of Remediation Technologies for Radionuclides	
9:45	Case Study on Remediation at a Sediment Site in Northern California with Radium-226 and Heavy Metal Contamination, including use of SCM technology to Expedite Remediation at the Source <i>Mary Parker and Matthew Slack, DOD-Navy (Introduced by Dan Goodman, DOD-Navy)</i>
10:15	BREAK
10:30	Remedy Selection and Implementation for Radionuclides in Soil and Ground Water <i>Mike Truex, PNNL (Introduced by Paul Beam, DOE-EM)</i>
11:00	Field Studies to Assess Bio-Stimulation to Remediation of Radionuclides and Heavy Metals at an In Situ Leach Mine Sites <i>Drs. Jim Clay, Cameco and John Willford and Kevin R. Chamberlain, University of Wyoming (Introduced by Thomas Nicholson, NRC)</i>
11:30	Incremental Sampling Methods for Remediation of Heavy Metals <i>Cathy Amoroso, EPA Region 4 and Matthew Jefferson, EPA Headquarters (Introduced by Dan Powell, EPA)</i>
12:00	LUNCH (available for purchase in the NRC Cafeteria)
1:00 p.m.	FRTR Agency Member Announcements
Research on Innovative Remediation Technologies under Development for Radionuclides and Heavy Metals in: Soil, Ground Water and Sediments	
1:20	Use of Nanotechnology in Remediation of Radionuclides and Heavy Metals <i>Professor Dr. Fengxiang (Frank) Han, Jackson State University, Mississippi (Introduced by Boby Abu-Eid, NRC)</i>
1:50	Overview of NIEH Research Studies on Risk Management Focusing on Remediation of Radionuclide and Heavy Metal Contaminants <i>Heather Henry, National Institute on Environmental Health Sciences (Introduced by Dan Powell, EPA)</i> In Situ Activated Carbon Amendment for Sediment and Soil Mercury Remediation <i>Cynthia Gilmour, Smithsonian Environmental Research Center (Introduced by Dan Powell, EPA)</i>
3:00	BREAK
3:15	Panel Discussion Moderators: Thomas Nicholson, U.S. NRC - RES and Paul Beam, DOE-EM <i>Panel Members - Presenters on State-of-the-Practice and Innovative Remediation Technologies and their Applications for Radionuclides and Heavy Metals</i>
4:15	Action Items
4:30	ADJOURN

The time of the meeting is local to the jurisdiction where the meeting is being held.

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If reasonable accommodation is needed to participate in this meeting, or if a meeting notice, transcript, or other information from this meeting is needed in another format (e.g., Braille, large print), please notify the NRC meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

ADAMS Accession Number: ML17300A729

Name	MThaggard	TNicholson
Office	RES/DRA/DD	RES/DRA/SLS
Date	10/12/2017	10/12/2017

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Link to meeting details: <https://www.nrc.gov/pmns/mtg?do=details&Code=20171276>