

DAY 1 AGENDA: WEDNESDAY, JULY 14, 2021

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
10:00 - 10:05	Welcome, Webinar Logistics	Ken Hamburger, Trish Holahan, NRC
10:05 - 10:20	NRC Overview Presentation	Tom Aird, NRC
10:20 - 11:20	Overview of Guidance on Surveys for Subsurface Radiological Contaminants + Q&A	Carl Gogolak, SC&A, Inc.
11:20 - 12:00	NEI Presentation + Q&A	Bruce Montgomery, Nuclear Energy Institute (NEI)
12:00 - 13:00	1-hour break	
	Workshop Topic: Geospatial and Statistical Methods	
13:00 - 13:30	EPRI Presentation: Experiences with Geospatial and Statistical Based Surveys of Subsurface Soil	Richard Reid, Electric Power Research Institute (EPRI)
13:30 - 14:00	VSP Geospatial Statistical Methods to Support Decommissioning	Debbie Fagan, Pacific Northwest National Laboratory (PNNL)
14:00 - 14:10	10-minute break	
14:10 - 15:50	Open Discussion on the evaluation of sites with geospatial and statistical methods: -Applicability of MARSSIM statistical tests and other methods -Treatment of uncertainty and data sufficiency. -Methods to determine the sample density, spatial distributions, depths, and volume to achieve a level of confidence and limit decision errors	
15:50 - 16:00	Daily Wrap-up	

DAY 2 AGENDA: THURSDAY, JULY 15, 2021

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
10:00	Day 2 Welcome	NRC staff
10:00 – 10:30	Presentation: MARSSIM subsurface background Presentation: A Graded Approach to Subsurface Characterization and Remediation and Related Tools and Methods	Kathryn Snead, EPA Matt Darois, RSCS
10:30 – 11:15	Discussion Topic: Subsurface DCGLs Short Presentations: Development of Derived Concentration Guideline Levels (DCGLs or clean-up levels) for Subsurface Residual Radioactivity Subsurface DCGL: Effects of Thickness, Area, and Cover --specific discussion on this topic--	Cynthia Barr, NRC/NMSS Charley Yu, Argonne National Laboratory
11:15 – 12:30	Discussion Topic: Subsurface Hot Spots Short Presentations: Elevated Areas or “Hot Spots” in the Subsurface Subsurface Hot Spots --specific discussion on this topic--	Cynthia Barr, NRC/NMSS Carl Gogolak, SC&A
12:30 – 13:30	1-hour Break	
13:30 – 15:00	Discussion Topic: Surveys of subsurface, including surveys of excavations, backfill materials, suspect areas, and hard-to-access areas Short Presentations: Survey Issues with Excavations from Recent Decommissionings Low Level Radioactive Objects at a Former Department of Defense Facility Surveys of Survey Units with Low-Levels of Radioactivity --specific discussion on this topic--	Bruce Watson, NRC/NMSS Matthew Wright, California Department of Public Health Claude Wiblin, SC&A
15:00 – 15:15	15-minute Break	
15:15 – 16:00	Discussion Topic: Surveys of subsurface, including surveys of excavations, backfill materials, suspect areas, and hard-to-access areas	

Specific Discussion on subsurface survey topics
including but not limited to:
-Dose calculations for backfill materials
-Applicability of Scenario B for subsurface residual
radioactivity
-Methods to survey large subsurface soil excavations

16:00 Workshop Wrap-up

NRC Staff