

## 2022 MR Spring In Progress Review

May 10, 2022 - May 13, 2022

Noblis L'Enfant Plaza Office

500 L'Enfant Plaza SW, Suite 900, Washington DC, 20024. Flex Conference Room (908)

Zoom details: <https://www.zoomgov.com/j/1605279606?pwd=RGN2cVMvcGhWRzFHK3RVTUZTQ2Nhdz09>

Meeting ID: 160 527 9606 Passcode: 047347 Call in Number (if not using computer audio): 646-828-7666 or 669-254-5252

### Point of Contact

Sarah Barlow • [sarah.barlow@noblis.org](mailto:sarah.barlow@noblis.org) or [serdp-estcip.meetings@noblis.org](mailto:serdp-estcip.meetings@noblis.org)

### Tuesday, May 10, 2022

0900	<b>Convene/Opening Remarks</b>	Dave Bradley, MR Program Manager
0905	<b>MR21-5243:</b> CMRE UXO test site implementation, demonstration and maintenance	Stefano Biagini CMRE
0950	<b>MR19-5212:</b> Demonstration of UAV Magnetometer System for Wide Area UXO Site Assessment	Gregory Schultz White River Technologies
1035	<b>Break</b>	
1050	<b>MR19-5079:</b> Demonstrating calibrated phase-measuring sidescan sonar for rapid wide-area and detailed mapping of UXO shallower than 5 m	Kenneth Foote Woods Hole Oceanographic Institution
1135	<b>MR19-1073:</b> Coupled Ensemble Sea-floor Environment and 6-DOF (CESE6D) Model for Assessing Characteristics of Munitions Underwater and Their Environment	Peter Chu Naval Postgraduate School
1220	<b>Working Lunch</b>	
1320	<b>MR19-1234:</b> Bistatic Acoustic Scattering from Munitions: Interactions with Nearby Clutter and the Water-Sediment Interface Final Outbrief	Steven Kargl Applied Physics Laboratory, University of Washington
1405	<b>MR21-5066:</b> Classification of Underwater UXO from Dynamic EMI Survey Data	Shawn Mulvaney U.S. Naval Research Laboratory
1450	<b>Break</b>	
1505	<b>Technical Committee Discussion (Closed Door Session)</b>	
1615	<b>Adjourn</b>	

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Wednesday, May 11, 2022		
0900	<b>Convene/Opening Remarks</b>	Dave Bradley, MR Program Manager
0905	<b>MR21-1081:</b> Model roundup and extension for the current- and wave-induced burial, re-exposure, mobilisation and migration of UXO and DMM	Peter Menzel Corvus Works UG
0950	<b>MR-201714:</b> Demonstration of AUV-Based Structural Acoustic Look-Down and Side-Look Sonars for Underwater Buried UXO Detection and Classification	Brian Houston Naval Research Laboratory
1035	<b>Break</b>	
1050	<b>MR21-1291:</b> Experimental and Numerical Investigation of Grain Shape Effects on Munition Mobility	Sylvia Rodriguez-Abudo University of Puerto Rico - Mayaguez
1135	<b>MR21-5207:</b> Munitions Response Library for Site Management	Allison Penko U.S. Naval Research Laboratory
1220	<b>Working Lunch</b>	
1320	<b>MR18-1406:</b> Demonstration of physics-based inversions of multibeam echosounder for sediment properties.	Brian Hefner Applied Physics Laboratory, University of Washington
1405	<b>MR-2733:</b> Probabilistic Environmental Modeling System for Munitions Mobility	Margaret Palmsten USGS
1450	<b>Break</b>	
1505	<b>Technical Committee Discussion (Closed Door Session)</b>	
1615	<b>Adjourn</b>	

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Thursday, May 12, 2022		
0900	<b>Convene/Opening Remarks</b>	Dave Bradley, MR Program Manager
0905	<b>MR19-5073:</b> UltraTEM Marine towed system for detection and characterization of buried ordnance	Stephen Billings Black Tusk Geophysics Inc
0950	<b>MR19-5318:</b> Robotically Emplaced and Recovered Underwater Test Bed	Michael Farinella C-2 Innovations, Inc
1035	<b>Break</b>	
1050	<b>MR19-1277:</b> Robust Prediction of Ordnance Depth of Burial in Soils Using Field Calibrated Phenomenological Model & Probabilistic Simulations	Stephan Bless New York University
1135	<b>MR-2732:</b> Three-dimensional computational modeling of turbulent flow field, bed morphodynamics and liquefaction adjacent to munitions	Xiaofeng Liu Pennsylvania State University
1220	<b>Working Lunch</b>	
1320	<b>MR21-7564:</b> Sequim Bay Underwater UXO Test Bed Support for Phase III	Dana Woodruff PNNL
1405	<b>MR18-1051:</b> Simulation, Signal Extraction, and Augmented Visualization for 3D BOSS data	Timothy Marston The Applied Physics Laboratory, University of Washington
1450	<b>Break</b>	
1505	<b>MR19-1317:</b> Towards Developing Demonstrations for Munitions Mobility and Burial in the Underwater Environment	Joe Calantoni U.S. Naval Research Laboratory
1550	<b>Technical Committee Discussion (Closed Door Session)</b>	
1700	<b>Adjourn</b>	



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Friday, May 13, 2022		
0900	Convene/Opening Remarks	
0905	ESTCP Downselect/Technical Committee Discussion (Closed Door)	
1105	Break	
1120	ESTCP Downselect/Technical Committee Discussion (Closed Door)	
1230	Adjourn	

*Last Updated: 4/11/2022 11:28:56 AM*