

Technology Committee Report

National Association of Ordnance Contractors

Committee Monthly Update

March 16th, 2022



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Spring SERDP/ESTCP IPRs

- ❑ The Spring IPR is scheduled for May 10-13, 2022.
- ❑ Agenda is attached
- ❑ Volunteers to sit on NAOC Technology Committee seat for one or all days.

RA QAPP Template

- ❑ Received Friday 3/11/2022 from IDQTF
- ❑ Distributed Sunday to Technology Committee
- ❑ Please distribute to personnel in your companies who should review and comment
- ❑ Looking for comments on WS #12 and WS#22
- ❑ Use Comment Spreadsheet
- ❑ Comments due back to me April 1
- ❑ Red Team (OSC and Tech Committee) will consolidate comments and submit to IDQTF by COB on April 15th – **Need volunteers**

M2G2 Geophysics Webex

- ❑ M2G2 Geophysics Quarterly Call with NAOC and USACE – April 27, 2:00-3:30 PM Eastern
- ❑ Topics:
 - ❖ More Effective Ways to Write Up Technical Proposals (USACE)
 - ❖ PWS Characteristics that Facilitate High Quality Technical Proposals (NAOC)
- ❑ The PWS topic is proposed and will require input from NAOC Technology Committee Members and a main presenter
- ❑ Slides provided to all registrants after the meeting
- ❑ Please let Jeffrey Leberfinger or Craig Murray know if you have discussion or presentation topics for this or future M2G2 calls

USACE M2S2 Webinars

The screenshot shows the CLU-IN website header with the EPA logo and 'Technology Innovation and Field Services Division' text. The main navigation bar includes links for Technologies, Contaminants, Issues, Strategies & Initiatives, Technology Developer Tools, Training & Events, and Additional Resources. The page title is 'Military Munitions Support Services - Life of a CSM: Concept to Response Complete', sponsored by the U.S. Army Corps of Engineers. The webinar is scheduled for Wednesday, March 23, 2022, from 1:00PM-3:00PM EDT. A prominent 'Register' button is displayed. Below the button is a table with tabs for Description, Presenters, Webinar Slides, Related Links, Feedback Form, and Tips. The description text reads: 'This series will explore the development and use of a CSM throughout the remedial response process. Special emphasis will be placed on using the CSM as a mechanism for systematic project planning and acquisition from Remedial Investigation through Remedial Action. Presentations will address lessons learned, best practices, and data needs for characterization, risk assessment, alternatives development, cost estimating, and contracting.' On the right side, there is a 'Staying Connected' sidebar with social media icons and a 'Live Events' section.

CLU-IN | Training & Events | [Military Munitions Support Services - Life of a CSM: Concept to Response Complete](#)

Military Munitions Support Services - Life of a CSM: Concept to Response Complete

Sponsored by: U.S. Army Corps of Engineers

Live Webinar: Wednesday, March 23, 2022, 1:00PM-3:00PM EDT (17:00-19:00 GMT)

[Register](#)

Description	Presenters	Webinar Slides	Related Links	Feedback Form	Tips
<p>This series will explore the development and use of a CSM throughout the remedial response process. Special emphasis will be placed on using the CSM as a mechanism for systematic project planning and acquisition from Remedial Investigation through Remedial Action. Presentations will address lessons learned, best practices, and data needs for characterization, risk assessment, alternatives development, cost estimating, and contracting.</p>					

<https://clu-in.org/conf/tio/m2s2fy22-1/>

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Clean-Up Information

- Technologies
- Contaminants
- Issues
- Strategies & Initiatives
- Technology Developer Tools
- Training & Events
- Additional Resources

CLU-IN | Training & Events | Military Munitions Support Services - Life of a CSM: Concept to Response Complete

Military Munitions Support Services - Life of a CSM: Concept to Response Complete

Sponsored by: U.S. Army Corps of Engineers

Live Webinar: Wednesday, May 25, 2022, 1:00PM-3:00PM EDT (17:00-19:00 GMT)

[Register](#)

- Description
- Presenters
- Webinar Slides
- Related Links
- Feedback Form
- Tips

The Conceptual Site Model (CSM) serves as a planning instrument, a modeling and data interpretation aid, and a tool for the project delivery team (PDT) to communicate and describe the current state of knowledge and assumptions about potential munitions and explosives of concern (MEC) and MC risks at the site; actual, potentially complete, or incomplete exposure pathways; current and reasonable proposed use of property; and potential receptors. In three MMRP CSM project studies, we will explore how the CSM evolved as work progressed and data gaps were filled, and address lessons learned. The project studies will convey the importance of the systematic planning process, that ensured the CSM development and refinement through a collaborative effort between the PDT, regulators and major stakeholders.

Agenda:

1:00 - 1:10	Welcome and present speakers
1:10 - 1:40	A Case Study of Bostwick Bomb Target and Putnam Bombing Range Remedial Investigation Preliminary CSM to Refinement presented by Mr. Richard Perry, PG, PMP (20 minutes for presentation and 10 minutes for Q&A)
1:40 - 2:20	A Case Study of Redstone Arsenal MSFC-003 Development & Refinement of the CSM presented by Dr. Heather McDonald, PE (30 minutes for presentation and 10 minutes for Q&A)
2:20 - 3:00	Questioning the CSM - A Case Study of Oahu Island Targets FUDS Property - Target Islands and Surrounding Waters MRS presented by Julie Ange, PE (30 minutes for presentation and 10 minutes for Q&A)



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IVS Memo Template Workgroup

Where We Are:

- 1/14/22: Received first draft (Phase 1) of template from USACE
- 1/25/22: NAOC workgroup members met to discuss individual review comments, consolidate comments and agree which ones to submit to USACE and which ones to hold for later discussion
- 1/26/22: USACE provided brief update of initiative on M2G2 call
- 1/28/22: NAOC workgroup member comments submitted to USACE
- 3/11/22: Received from USACE updated text for the IVS memorandum guidance along with their responses to the previous comments that they received. Matt Barner shared with the working NAOC group and will consolidate questions, comments, or concerns.
- Matt Barner will set up meeting (March 17th) with NAOC work group to discuss schedule of review and next iteration.

SAGEEP 2022



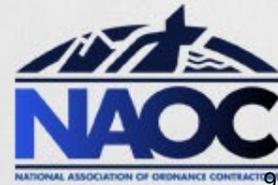
- ❑ March 20-24, 2022
- ❑ Attached Program Agenda

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SAGEEP 2022

MUNITIONS RESPONSE
SOLVING COST ESTIMATION CHALLENGES AND ANOMALY DENSITY DISCREPANCIES John Jackson, U.S. Army Corps of Engineers (USACE)
ULTRATEMA-4 MARINE DYNAMIC CLASSIFICATION SYSTEM FIELD TRIALS T. Jeffrey Gamey, Tetra Tech, Oak Ridge, TN, USA
MAKING IT WORK. OVERCOMING THE BARRIERS OF DEPLOYING AGC TECHNOLOGIES IN CHALLENGING ENVIRONMENTS J.R. Candlish, Weston Solutions, West Chester, PA, USA
AN AUTOMATED TOOL FOR PERFORMING QUALITY ASSURANCE OVERSIGHT OF ADVANCED GEOPHYSICAL CLASSIFICATION PROJECTS Stuart Bancroft, Jacobs, Pensacola, FL, USA
ADVANTAGES OF USING SLAM BASED TECHNOLOGIES IN THE WOODS FOR GLOBAL POSITION DATA Dave Duggins, Kaarta, Inc, Pittsburgh, PA, USA
COFFEE
MUNITIONS RESPONSE
SERDP/ESTCP MUNITIONS RESPONSE PROGRAM OVERVIEW AND SOME RECENT TEST RESULTS Dave Bradley
2022 ADVANCED GEOPHYSICAL CLASSIFICATION (AGC) SENSOR UPDATE Jeffrey Leberfinger, PIKA International, Harrisburg, PA USA
DAGCAP- RECENT LESSONS LEARNED AND INTERESTING RCA John Jackson, U.S. Army Corps of Engineers (USACE)
REMEDIAION GOALS FOR FORMER CAMP S, A CASE STUDY IN WHAT WAS AND WHAT COULD HAVE BEEN Andrew Schwartz, U.S. Army Corps of Engineers, Huntsville AL
DETECTION, SCREENING, AND CLASSIFICATION OF UXO WITH THE ULTRATEM EMI SYSTEM: MARSHALL SPACE FLIGHT CENTER (MSFC-003) Kevin Kingdon, Black Tusk Geophysics, Inc.

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Technology Committee Contact

QUESTIONS ?

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Chair, Technology Committee

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