

SUBCOMMITTEE ON EMERGENCY MANAGEMENT TECHNOLOGY

TITLE

Enhancing Emergency Management Technology Integration across the DOE Enterprise

MISSION

The Subcommittee on Emergency Management Technology (SEMTech) works to continuously improve Emergency Management Technology integration across the DOE/NNSA through a forum of collaboration and best practice sharing

WHAT WE DO

- Investigate emerging technology trends in emergency management
- Collaborate with other subcommittees for technology incorporation
- Research Cyber Security thresholds and incorporation into Emergency Management Response
- Promote the establishment of a DOE WebEOC community of excellence

FOCUS AREAS

- Become the DOE Enterprise repository of WebEOC best practices
- Be the DOE Enterprise repository of UAS and GIS emergency management integration best practices
- Investigate emerging trends and share best practices in GIS and UAS technology focused around emergency response
- Research Cyber Security thresholds and incorporation into Emergency Management Response
- Collaborate with other subcommittees for technology incorporation

2024-2025 Accomplishments

- SEMTech has already created and continues to update a UAS Whitepaper, Applying UAS for Emergency Response, which helps DOE sites stand up a UAS program for emergency response
- SEMTech created, in collaboration with the Continuity Programs Subcommittee (CPSC), Accountability Platforms Lines of Inquiry which outlines enhancing Lines of Inquiry for the assessment of evaluation criteria.
- SEMTech has already shared numerous GIS resources for use by all DOE sites, especially within their EOCs, supported by NA-40 supported graciously by our GIS WG.
- SEMTech has established a WebEOC Working Group to support the implementation of DOE Enterprise WebEOC across the Emergency Management Enterprise.
- SEMTech is developing system governance documents, quick reference guides, and training for DOE Enterprise WebEOC.

2025 -2026 SMART Objectives

- Revise and publish UAS Whitepaper, Applying UAS for Emergency Response before the next Symposium (April 2026) (1-4)
- Establish a SEMTech Leadership Succession plan before the next Symposium – include WG in succession planning (2, 4)
- Establish a level of use for WebEOC tools across the DOE enterprise (1, 3, 4)
- Establish a level of use for NNSA Enterprise GIS tools (1, 3, 4)
- Establish a level of use for UAS tools across the DOE enterprise (1, 3, 4)
- Collaborate with the DMSC to determine EO 14028's ("Improving the Nations Cybersecurity") impacts to the DOE enterprise (2-4) (EMI SIG Goal Alignment)



SEMTech Leadership Information

SEMTech EDMS Website

2025

EMERGENCY MANAGEMENT
Symposium

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