



Chemical, Biological, Radiological, and Nuclear Consequence Management Advisory Team (CBRN CMAT) Mission and Focus

CMAT provides scientific support and technical expertise for decontamination of buildings, building contents, public infrastructure, agriculture, and associated environmental media. Specialized expertise, such as biochemistry, microbiology and medicine, health physics, toxicology, HVAC engineering, and industrial hygiene, is available to assist local, national, and international agencies supporting hazardous substance response and remedial operations, including Nationally Significant Incidents.

Mission:

Serve as EPA's national operational preparedness and response organization that provides expertise and leadership of CBRN consequence management.

Focus:

- Facilitate transition of the latest science and technology to the field response community, constantly promoting more efficient and effective consequence management through knowledge, tools, technology, playbooks/Standard Operating Procedures (SOPs), policy, and guidance.
- Serve as the hub of leadership in OEM for all CBRN homeland security initiatives related to consequence management operations planning, specifically by fostering partnerships with other key players in the homeland security arena, especially (but not limited to) National Homeland Security Research Center (NHSRC), Department of Homeland Security (DHS), and Department of Defense (DOD).
- Develop and maintain scientific and technical expertise in CBRN consequence management
 - Provide tactical options for the response community through screening, sampling, monitoring, decontamination, clearance, waste management, toxicological/exposure assessment, and analytical development.
- Identify gaps in CBRN remediation and develop/implement innovative solutions, strategies and tactics.
- Develop and maintain approaches and options for how to implement CBRN remediation that can be quickly tailored to an individual site/incident; Provide national consistency in CBRN consequence management planning and operations.
- Participate in the development of policy to ensure consistency with current or evolving technical approaches to CBRN response options.
- Maintain understanding of response assets of partner organizations (Civil Support Teams, US Coast Guard, Department of Energy, etc.) and private sector so that the CMAT can provide capability and capacity information regarding various technologies to the field response, includes providing scientific and technical representation and leadership to federal workgroups focused on CBRN response and recovery.
- Maintain a field component that can be deployed to support a site/incident/event including:
 - force multipliers;
 - technical expertise at the Incident Command Post (ICP) or Emergency Operation Center (EOC) or;
 - deployment of unique tools/technologies in support of the homeland security customer; and
 - in major non-CBRN incidents, the team supports the Agency mission (although this is not the primary focus of the team's preparedness/planning/response efforts).