

Federal Emergency Management Agency (FEMA)  
Chemical, Biological, Radiological, and Nuclear (CBRN) Office

# FEMA CBRN Office: Chemical Portfolio Overview

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# FEMA CBRN Office

*“Preparedness through Partnerships”*



CHEM

Policy

Planning

Operations

Training

Exercises

Coordination

BIO

Policy

Planning

Operations

Training

Exercises

Coordination

R/N

Policy

Planning

Operations

Training

Exercises

Coordination

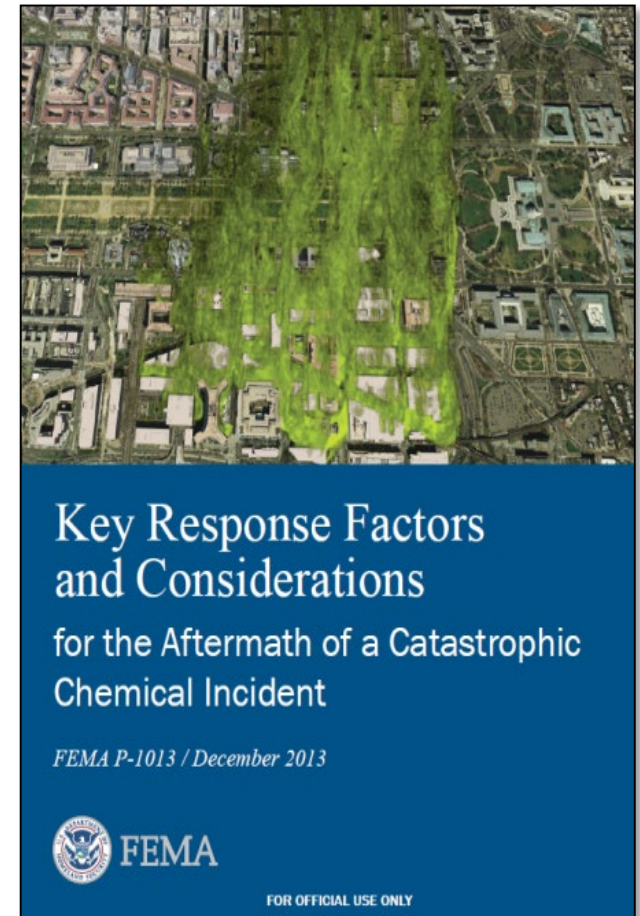


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# Chemical KEY PLANNING FACTORS

- FEMA CBRN is managing the update of the “*Key Response Factors and Considerations for the Aftermath of a Catastrophic Chemical incident 2013*”
- Reflect changes in the contemporary chemical threat environment since the last 2013 edition of the document was published
- Published first quarter 2020



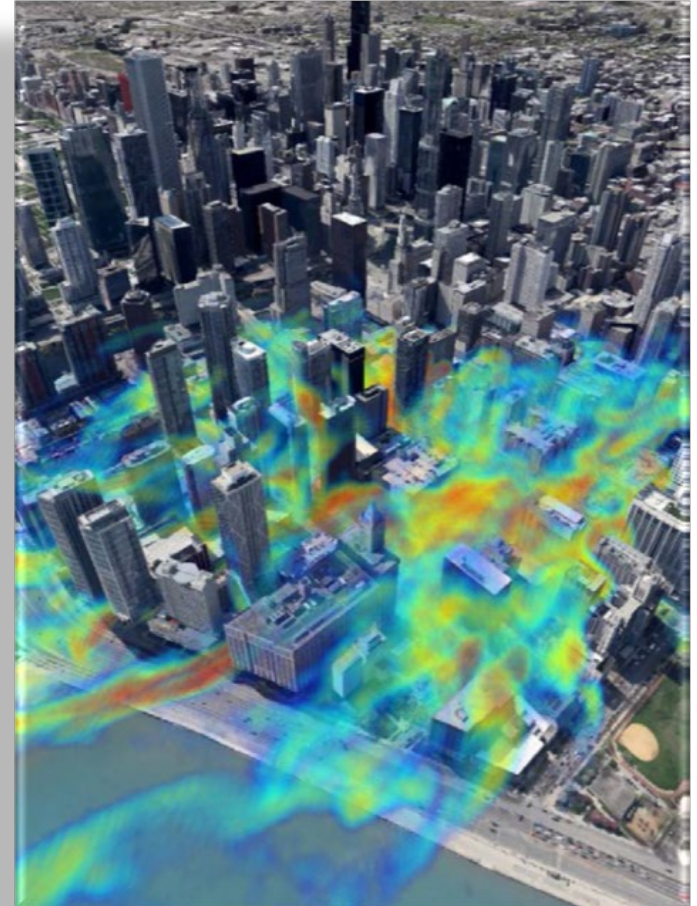
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# Chemical City Planner Resource (ChemCPR) Tool



- A PLANNING tool that focuses on providing detailed understanding and progression of a potential high consequence ACCIDENTAL chemical release (airborne, high toxicity)
- Supplements CAMEO/ALOHA and other chemical release planning tools
- Examples of detailed information ChemCPR can provide:
  - Evacuation/Shelter -in-place
  - # of potential personal seeking medical treatment
  - # of potential fatalities



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# ChemResponder

- Real-time common operating picture that allows agencies to collect, manage and share chemical incident information
- Information is shared at users discretion
- No special viewing privileges for any federal agency
- All data is owned by the organization that creates it



A screenshot of the ChemResponder web application interface. The header includes the ChemResponder logo, navigation links (About, Our Network, Resources, Contact), and a blue box displaying "1388 Responders" and "142 Organizations". A "Sign In" link is in the top right. The main content area has a dark background with a large "ChemResponder" title. On the left, there's a "Network Status" section showing "28 Organizations" and "205 Responders", and a "Quick Links" section with a "Request an Account" button. The central area is divided into "Technical Enhancements" and "News &amp; Events". Under "Technical Enhancements", there's a "Hazard Incident Database" description and a "Create SITREPs" section. Under "News &amp; Events", there's a "Recent Events" section featuring the "Continuing Challenge Conference" from 9/4/2018 to 9/7/2018. A map of the United States with colored markers is visible at the bottom right of the interface.



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# Chemical Operations Support Specialist (COSS)

- NQS typed position
- Bridges the science of chemical incident response with emergency management principles to expedite the transition from response to recovery
- CCOSS curriculum is currently under development.
- 1<sup>st</sup> Pilot-March 2020



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# CONCLUSION

# QUESTIONS?

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