

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

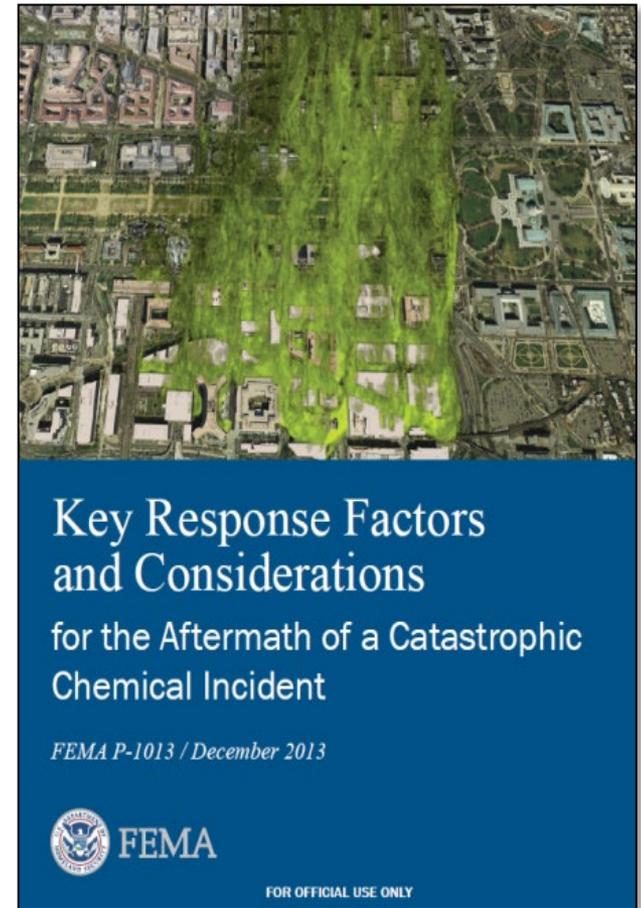


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Chemical KEY PLANNING FACTORS

- 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



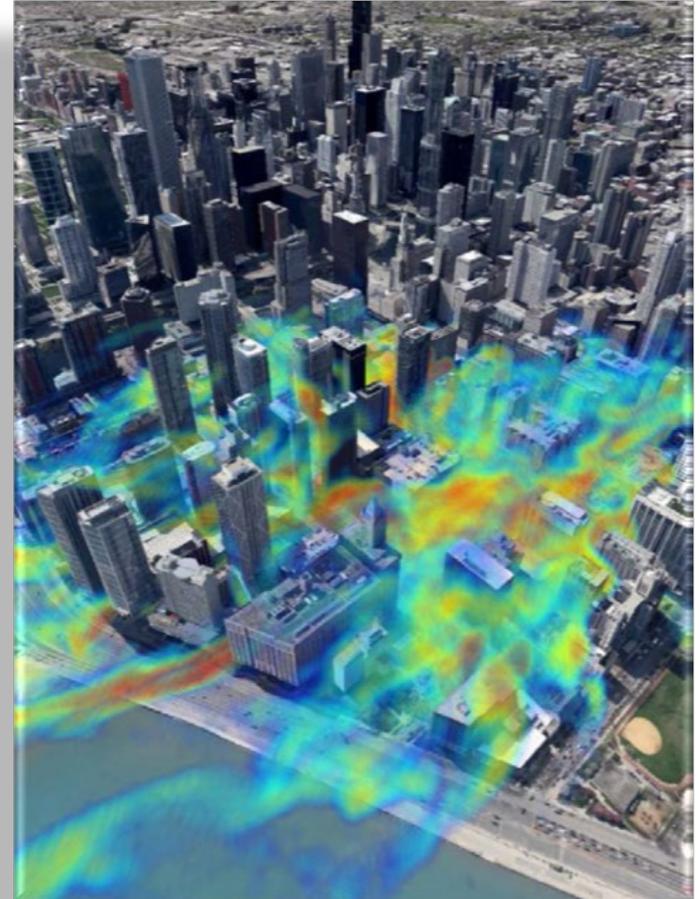
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Chemical City Planner Resource (ChemCPR) Tool



- 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 website dashboard. The top navigation bar includes the ChemResponder logo, "About", "Our Network", "Resources", and "Contact". A blue box in the top right corner displays "1388 Responders" and "142 Organizations". The main content area features a large "ChemResponder" title with a beaker icon. Below this are sections for "Network Status" (28 Organizations, 205 Responders), "Quick Links" (Request an Account), "Technical Enhancements" (OUR LATEST INNOVATIONS AND FUTURE ASPIRATIONS), and "News & Events" (THE LATEST ON CONFERENCES, TRAININGS, EXERCISES, AND MORE...). The "Recent Events" section highlights the "Continuing Challenge Conference" from 9/4/2018 - 9/7/2018, describing a 2-hour workshop for first responders and emergency response managers. A map of the United States with colored markers is visible at the bottom right of the dashboard.



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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.
- 1st Pilot-March 2020



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CONCLUSION

QUESTIONS?

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