

WHO CAN USE CHEMCPR

FSLTT EMERGENCY MANAGERS

FSLTT emergency managers will be able to use chemCPR to plan responses and develop city- and region-specific exercises.

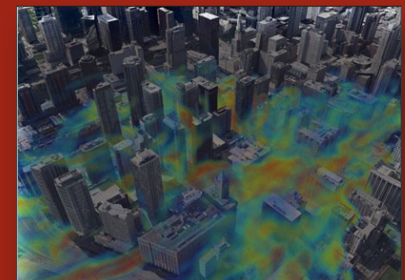


FSLTT PLANNERS

FSLTT planners will be able to use chemCPR to identify resources and personnel that need to be in place before an event happens. The tool's editable reports and customizable maps can be repurposed in planning reports and presentations.



HOW TO ACCESS THE CHEMCPR



The chemCPR is currently in beta testing, available to FSLTT planners in 2019 via the Department of Energy CMweb portal. FEMA will issue access information to FSLTT emergency management and planner contacts when the tool goes live on CMweb. Please send questions and requests for additional information to Dante Stellar, CBRN Program Specialist, FEMA Response Directorate, CBRN Office, Dante.Stellar@fema.dhs.gov.

Chemical City Planner Resource

Who We Serve



Before a chemical release event happens, the Chemical City Planner Resource (chemCPR) tool helps federal, state, local, tribal, and territorial (FSLTT) response and exercise planners better prepare resources and personnel to save lives. This interactive, Web-based strategic planning tool provides effects information for chemical release scenarios in specific cities/areas to help planners understand how an event may unfold, its impacts, and possible response actions.

Services at a Glance

What chemCPR Offers

Planning and exercise tools. The chemCPR tool provides animations, maps, movies, and downloadable, editable reports to develop response planning and exercises for your city.

City-specific scenarios. chemCPR provides detailed, in-depth impact analysis of several hypothetical releases in a representative set of cities and regions.

Resource planning. Detailed chemCPR scenario reports help planners identify the scale of needed resources for medical, first responder, transportation, evacuation and sheltering, and debris removal. Downloadable, editable

reports include event progression, injury and casualty analysis, and infrastructure impacts for each scenario.

Beyond simple hazard assessment. Access animations, detailed community-specific visuals, and reports that incorporate the effects of buildings, terrain, time, weather, and gas density to better understand how a catastrophic chemical event might unfold. These features help your planners and exercise designers go beyond simple hazard assessment contours on a map.

Realistic visualization. ChemCPR provides a more realistic visualization of chemical gas and particulate behavior and relevant impact estimates to help FSLTT planners and responders better prepare for real-world events.

Interactive Geographic Information System (GIS). The chemCPR tool has an interactive GIS capability to display Homeland Security Infrastructure Program (HSIP) Gold/Homeland Infrastructure Foundation-Level Data (HIFLD) on customizable maps for reports and presentations. GIS kmz/shapefiles are downloadable for use by FSLTT planners.

Note: chemCPR is a strategic planning tool, not a response tool. For more information on real-time response tools available from the FEMA Chemical, Biological, Radiological, Nuclear (CBRN) Office, see the RadResponder and ChemResponder factsheets.

The FEMA CBRN Office and the Department of Homeland Security Science & Technology (DHS S&T) Office, with technical support from the Lawrence Livermore National Laboratory, developed the chemCPR for the City Planner Resource suite of tools to help FSLTT response and exercise planners focus on large-scale, high-consequence chemical release events.

FEMA CBRN: Preparing our nation to respond to chemical, biological, radiological, and nuclear catastrophes.



FEMA

For More Information about the chemCPR,
contact fema-cbrnoffice@fema.dhs.gov

