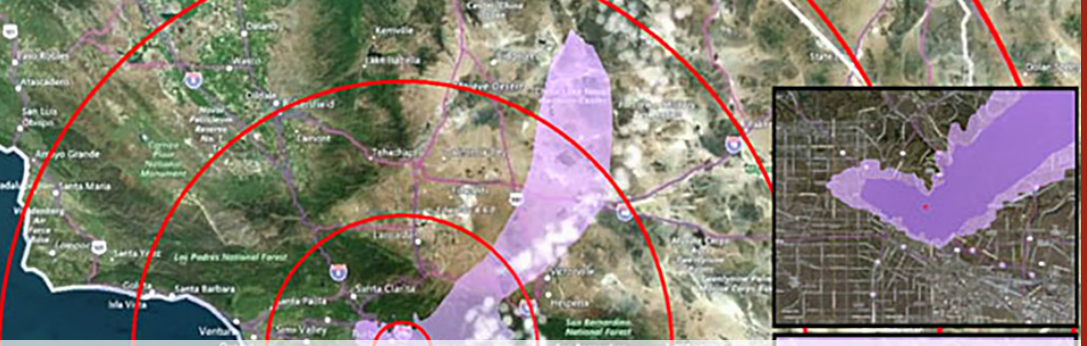


Improvised Nuclear Device City Planner Resource Tool

Who We Serve

Before an improvised nuclear device (IND) event happens, the IND City Planner Resource (iCPR) 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 more realistic visualizations of release behavior and impact estimates to help planners understand how an event may unfold, its impacts, and possible response actions.

Services at a Glance

What iCPR Offers

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

10 scenarios for 60 U.S. cities. iCPR provides detailed, in-depth impact analysis for 60 U.S. cities: 10 scenarios covering a noon release in the downtown business district for IND yields of 1 or 10 kilotons and five statistically predominant weather patterns (one year-long and four seasons).

Resource planning. Detailed iCPR 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.

Animated fallout effects. Downloadable animations show how fallout effects evolve from detonation to one year, making it easy to visualize event progression during exercises and plan transportation, evacuation, and sheltering.

Maps for evacuation and shelter planning. The iCPR provides scenario-specific information on dispersion patterns for five predominant weather patterns for each city, plus Interagency Modeling and Atmospheric Assessment Center (IMAAC) briefing and technical products. GIS maps show the protective effects of buildings for sheltering in place at the census block level.

Interactive GIS display. The GIS-based user interface can overlay weapon effects on key infrastructure and local shelter data on customizable maps for reports and presentations, including downloadable GIS/kmz shapefiles.

Note: iCPR is a strategic planning tool, not a response tool. For more information on real-time response tools available from the FEMA CBRN Office, see the RadResponder and ChemResponder factsheets.

Who Can Use iCPR

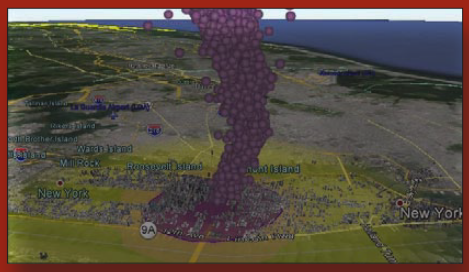
FSLTT Emergency Managers

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

SLTT Planners

FSLTT planners will be able to use iCRP 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 iCPR



The iCPR 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 Luis Garcia, Chief, CBRN Support Branch, FEAM Response Directorate, Luis.Garcia2@fema.dhs.gov.

The FEMA CBRN Office and the DHS S&T Office, with technical support from the Lawrence Livermore National Laboratory, developed the iCPR for the City Planner Resource suite of tools to help FSLTT response and exercise planners focus on large-scale, high-consequence IND events.

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

FEMA

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