

First Session :
Introduction to CAMEO
March 25-27, 2008

Target audience: All types of emergency response personnel including fire, law enforcement, emergency medical technicians, public health officials, and emergency managers. Anyone involved with emergency situations for any location such as security personnel, corrections officers, hospital officials, Red Cross volunteers, chemical plant staff, and other local, State, and Federal employees associated with emergency planning and response. It is helpful if those attending the CAMEO training have basic knowledge of computer operations and terminology. No prerequisite.

Second Session :
Utilizing CAMEO in WMD
April 29- May 1, 2008

Target audience: Experienced CAMEO® Suite users with a responsibility to plan for and respond to actual or potential high-consequence events and/or Incidents of National Significance, particularly involving WMD compose the target audience. They should have experience using the CAMEO Suite in either a planning or response mode.

COST: FREE

For registration, go to www.incosit.org, fill out the registration form and fax it InCoSiT.

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In Cooperation with Huntsville Police Department under the auspices of The National Center For Biomedical Research and Training (NCBRT)/ Academy of Counter-Terrorist Education (ACE) at Louisiana State University (LSU)

INCOSIT OFFERS "CAMEO" TRAINING

Each year, thousands of first responders and emergency planners are trained to use CAMEO in classes.



WHAT IS CAMEO?

CAMEO (Computer-Aided Management of Emergency Operations) is a set of software modules designed to assist first responders and emergency planners

- Access chemical property and response information,
- Model potential chemical releases,
- Display results on a map, and
- Manage planning data.



CAMEO training, which is offered by several institutions, including Department of Homeland Security, Harvard School of Public Health, Louisiana State University, Salem State College, University of Connecticut, Massachusetts Maritime Academy and University of Pittsburg, is now offered by INCOSIT at LEMIT, Sam Houston State University.



CAMEO Home provides easy access to the CAMEO modules, which include a chemical library, ALOHA, MARPLOT, and the EPCRA databases.

CAMEO was developed jointly by NOAA and the Environmental Protection Agency

Program Features:

- Extensive Chemical Database: Search for response recommendations for over 6,000 chemicals.
- Critical Response Information: Read the Response Information Data Sheets (RIDS) to find out about physical properties, health hazards, air and water hazards, and recommendations for fire-fighting, first aid, and spill response.
- Chemical Reactivity: Add chemicals to the Reactivity Worksheet to predict what hazards could occur if the chemicals mixed.

ALOHA: Estimate threat zones for hazardous chemical releases (toxic gas clouds, fires, and explosions). A threat zone is an area where a hazard (such as toxicity, flammability, thermal radiation, or damaging overpressure) has exceeded a user-specified Level of Concern (LOC).

MARPLOT: Display ALOHA threat zones and other objects on a map. Map objects may include CAMEO Facilities and Special Locations (for example, hospitals and schools where there are populations of special concern).



Image source: NOAA

People Using CAMEO: Over the past two decades, CAMEO has become the most widely used chemical emergency response and planning tool in the United States. CAMEO users include: First responders (such as fire and police services); State, local, and industry planners; and Environmental organizations and academics.

Hurricanes Katrina and Rita: After Hurricanes Katrina and Rita, emergency responders used CAMEO to complete challenging response tasks such as:

- Estimating the number of affected residences in New Orleans,
- Mapping evacuation routes and collection sites for hazmat containers displaced by the storm,
- Defining exclusion zones around dangerous hazmat containers,
- Selecting safety gear for workers handling hazardous debris.

The hurricanes scattered hazardous debris across several states. UP: containers lay in a jumbled pile after Katrina passed through a New Orleans rail yard. DOWN: a large tank was left behind in a yard when Rita's storm surges receded.

Image source: NOAA

