



Lessons Learned Information Sharing

www.LLIS.gov

*For response professionals,
by response professionals*

Date: 13 May 2009

Prepared for: Contingency Planning Management West 2009



Sharing information.



Connecting experts.



Improving homeland security.



What is *Lessons Learned Information Sharing*?

The national, online network of lessons learned, best practices, and innovative ideas for the emergency response and homeland security communities

Online since April 19, 2004, with over 47,000 members.

Over 13,000 documents currently available, including:

- 675 after-action reports
- 1,600 state and local plans
- 800 *LLIS.gov* original content documents

FEATURED TOPICS

- TOPOFF 3
- Cyber Security
- Disabilities & Special Needs
- Emergency Transportation Operations Channel
- Exercise Planning and Program Management
- Geographic Information Systems
- Hurricane Preparedness
- Interoperable Communications
- Mass Evacuation
- Pandemic Influenza
- Radiological Dispersal Device
- School Emergency Management Planning
- State and Local Plans
- Tactical Interoperable Communications Plan Exercises
- Security
- Wildland Fires
- Private Sector
- Planning
- Incident Management
- Training and Exercises

NEW LLIS.GOV CONTENT

- NEW! Updated Target Capabilities**
- NEW! Federal Preparedness Report**
- Analysis of State and Local Officials' Views on Federal Preparedness Requirements**
- STATE PREPAREDNESS REPORTS SUBMITTAL PAGE**
- Lessons Learned Emergency Management: Establishing a General Purpose Workforce (20 Mar 2009)**
- Mass Evacuation: Providing Muzzles and Pet Carriers at Evacuation Hubs (20 Mar 2009)**
- Volunteer Management: Utilizing a Pre-Established Volunteer Database (20 Mar 2009)**
- AFTER-ACTION REPORT RESOURCE CENTER**

RECENT INCIDENTS

Chemical Spill Forces Evacuation in Pennsylvania

Related LLIS Content

- [Highway Vehicle Fires](#)
- [Chemical Accident Prevention and the Risk Management Program](#)
- [Transportation Security Guidelines for the US Chemical Industry](#)

LLIS.GOV MEMBERS AND DOCUMENTS BY STATE
(Click on a state to see its members or view relevant documents such as plans and SOPs.)

LLIS.gov serves as both a comprehensive repository for preparedness information and a network for sharing expertise.



Homeland Security

**The Department of Homeland Security,
Federal Emergency Management Agency,
National Preparedness Directorate**

is responsible for assisting states and local jurisdictions to prevent, to plan for, and to respond to all-hazards.

www.dhs.gov

- **Original Research**
 - **Methodology**
 - **Examples**

- **Content Repository**
 - **Content Types**
 - **Content Organization**

- **Network**
 - **Member Collaboration**
 - **Outreach and Partnerships**

These four types of original content capture expertise and innovation at the state and local levels.



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Information Sharing
LLIS.gov

Sharing Information
Enhancing Preparedness
Strengthening Homeland Security

BEST PRACTICE



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Sharing Information
Enhancing Preparedness
Strengthening Homeland Security

LESSON LEARNED

The research agenda is set by the *LLIS.gov* stakeholder community of federal, state, and local homeland security professionals.



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Sharing Information
Enhancing Preparedness
Strengthening Homeland Security

GOOD STORY



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Sharing Information
Enhancing Preparedness
Strengthening Homeland Security

PRACTICE NOTE

All original content is validated by subject-matter experts before being posted on *LLIS.gov*.

LLIS.gov researchers work with subject-matter experts to produce four types of original content:

Best Practices: peer-validated techniques, procedures, good ideas, or solutions that work and are solidly grounded upon actual experience in operations, training, and exercises

Lessons Learned: knowledge and experience, positive or negative, derived from incidents and historical study of operations, training, and exercises

Practice Notes: an innovative practice, procedure, method, program, or tactic that an organization uses to adapt to changing conditions or to overcome an obstacle or challenge

Good Stories: exemplary initiatives that have shown success in their specific environments and that may provide useful information to other communities and organizations

RELATED TERMS

- Business Continuity
- Critical Infrastructure



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BEST PRACTICE

PRIMARY DISCIPLINES

- Emergency Management
- Private Sector
- State and Local Executive Offices

A Best Practice series contains documents that examine a specific topic and links to additional resources and information.

LLIS.gov Best Practice

Radiological Dispersal Device Incident Response Planning: Overview



[View PDF](#)

(File Size: 185 KB)

PDF requires Adobe Acrobat to view.



Date Published: 12 Jan 2007

Publisher: *Lessons Learned Information Sharing*

Abstract: Pre-incident planning and training can facilitate preparedness for, response to, and recovery from an RDD incident. This Best Practice series supports jurisdictions' pre-planning processes by providing information on basic radiation concepts and RDD classification, use, and effectiveness. This document describes the major issues that emergency managers and responders may face after an RDD event. It discusses the essential elements for establishing a minimal RDD emergency response capability.

Related Documents:

- ↳ [Department of Energy \(DOE\) Radiological Control Manual](#)
- ↳ [National Planning Scenarios: Executive Summaries](#)
- ↳ [Medical Management of Radiological Casualties](#)
- ↳ [National Response Plan](#)
- ↳ [The United States Nuclear Regulatory Commission's Fact Sheet on Dirty Bombs](#)
- ↳ [What Every Public Safety Officer Should Know About Radiation and Radioactive Materials: A Resource Guide](#)
- ↳ [Background on Guidance for Protective Actions Following a Radiological Terrorist Event](#)
- ↳ [Emergency Response Guidance for the First 48 Hours After the Outdoor Detonation of an Explosive Radiological Dispersal Device](#)

Related Practice Notes:

- ↳ [Radiological Incident Response: Fire Department of the City of New York's Radiation Monitoring at Fire Stations](#)

Comment on this Document

[Post/View Additional Comments](#)

Subject-Matter Specialists

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[Jonathan Links](#)
Professor, Johns Hopkins Bloomberg School of Public Health

[John Crapo](#)

[James Conca](#)
Director, New Mexico State University

Related Web Sites

[Radiation Emergency Assistance Center/Training Site \(REACT/TC\): Guidance for Radiation Accident Management, Types of Radiation Exposure](#)

[Environmental Protection Agency: Understanding Radiation](#)

[Environmental Protection Agency: Radiation Glossary](#)

Best Practices include:

- Member comments
- Subject-matter specialists and their contact information
- Other Best Practices within the series
- Related documents and categories
- Related links and publications

RELATED TERMS

- Avian Influenza
- Tabletop Exercise
- Animal Disease Surveillance



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PRIMARY DISCIPLINES

- Public Health
- Veterinary

LESSON LEARNED

Pandemic Influenza Planning: Collaboration with Agricultural and Animal Health Experts

SUMMARY

Regional pandemic planners should consider engaging applicable agricultural and animal health experts to ensure that poultry and avian species disease surveillance and response efforts are linked to public health planning.

DESCRIPTION

The Louisiana Department of Health and Hospitals/Office of Public Health sponsored a series of pandemic influenza tabletop exercises (TTX) throughout the state from December 2006 to February 2007. On January 31, 2007, the Louisiana Office of Public Health (OPH) Region VI conducted a TTX in Alexandria, LA. TTX participants represented 5 state organizations and 37 regional and local organizations. The goal of the TTX was to engage community partners in a discussion of Emergency Support Function (ESF)-8 (public health and emergency medical) roles and responsibilities, expectations, and anticipated challenges in the face of an influenza pandemic. One TTX objective was to assess the familiarity of pandemic influenza planning among internal (ESF-8) and external stakeholders. The TTX scenario consisted of a severe influenza pandemic emerging in OPH Region VI.

The TTX participants noted that if a pandemic began with an outbreak of avian influenza within the US, response efforts would require the collaboration of a range of partners and entities. The agricultural and animal health sectors would be key partners in the event of an outbreak of avian influenza. The TTX after-action report (AAR) recommended that OPH Region VI should incorporate state and local agricultural and animal health experts into regional planning efforts. These experts can help discuss how the surveillance and response to an avian influenza outbreak would differ from a pandemic influenza response. The AAR also recommended additional workshops and exercises to assess the adequacy of pandemic influenza plans and procedures for an avian influenza outbreak.

Regional pandemic planners should consider engaging applicable agricultural and animal health experts to ensure that poultry and avian species disease surveillance and response efforts are linked to public health planning.

Region VI

Louisiana's Office of Public Health Region VI is located in Alexandria, Louisiana, and includes the parishes of Avoyelles, Catahoula, Concordia, Grant, LaSalle, Rapides, Vernon, and Winn.

Context:

During a tabletop exercise, participants in Louisiana realized that a response to avian influenza would require a range of organizations and individuals.

Lesson Learned:

Pandemic planners should engage agricultural and animal health experts to ensure disease surveillance is linked to public health.

RELATED TERMS

- Nuclear Safety
- Radioactive Materials
- Waste Disposal



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PRACTICE NOTE

PRIMARY DISCIPLINES

- Hazardous Materials
- Public Health
- School Safety

Prevention and Mitigation: Illinois' Orphan Source Recovery Program High School Initiative

PRACTICE

The Illinois Emergency Management Agency's (IEMA) Orphan Source Recovery Program High School Initiative removes excess, unused, and unwanted radioactive materials from public and private middle, junior high, and high schools as well as community colleges and universities in Illinois.

DESCRIPTION

High school chemistry and physics laboratories frequently contain small amounts of radioactive materials, the majority of which has not been used for years. The improper management of these materials could result in unnecessary radiation exposure for school faculty, staff, and students.

In the summer of 2006, IEMA's Bureau of Environmental Safety introduced the Orphan Source Recovery Program High School Initiative. The program collects excess, unused, and unwanted radioactive materials from public and private middle, junior high, and high schools as well as community colleges and universities in Illinois. Some materials collected include chemical compounds that contain cesium, barium, cobalt, indium, thorium, or uranium as well as various sealed sources.

The Orphan Source Recovery Program High School Initiative utilizes a health physicist and two engineers from IEMA's Bureau of Environmental Safety to identify and to properly remove radioactive materials. Once removed from a school, radioactive materials are placed in safe storage until they can be relocated to a waste disposal facility.

The Orphan Source Recovery Program High School Initiative is voluntary; school administrators must request collection of materials by contacting the IEMA Bureau of Environmental Safety and completing an [Orphan Source Identification Sheet](#). There is no cost to schools to participate in the program.



Examples of radioactive materials removed from an Illinois school by IEMA. Source: [Illinois Emergency Management Agency](#).

The [United States Nuclear Regulatory Commission](#) defines an orphan source as a sealed source of radioactive material contained in a small volume that is:

- In an uncontrolled condition that requires removal to protect public health and safety from a radiological threat;
- Controlled or uncontrolled but for which a responsible party cannot be readily identified; or
- Controlled, but the material's continued security cannot be assured.

Practice:

The Illinois Emergency Management Agency removes excess, unused, and unwanted radioactive materials from middle, junior high, and high schools as well as community colleges and universities.

RELATED TERMS

- Pre-Plan
- Target Folder
- Target Hazard Site



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GOOD STORY

PRIMARY DISCIPLINES

- Emergency Management
- Occupational Safety and Health

Chemical Detection and Response Enhancement for Transit Systems

SUMMARY

Argonne National Laboratory, in conjunction with the Department of Homeland Security (DHS), the Federal Transit Administration (FTA), the Office for Domestic Preparedness (ODP) and with support from other national labs and private industry partners, has developed and implemented a chemical warning and response enhancement system to assist transit security officials and emergency responders in the event of a chemical release in a subway system. The system is called PROTECT (Program for Response Options and Technology Enhancements for Chemical/Biological Terrorism), and it combines detectors, cameras, and software to alert security officials quickly of a chemical release and provide emergency responders with tools to speed and improve their response.

BACKGROUND

On the morning of March 20, 1995, members of a Japanese religious cult boarded a number of trains inside Tokyo's subway system and punctured bags containing deadly sarin nerve agent. The sarin immediately began making passengers ill, but authorities did not begin receiving emergency calls until a half hour after the sarin had been released, and trains carrying the gas continued to operate and carry passengers for as long as one and a half hours after the release. The attack killed twelve people, caused thousands more to seek medical attention, and revealed the vulnerability of public transit systems to acts of terrorism.

The attack also demonstrated the need for advanced, coordinated detection systems for chemical agents. By 1996, Argonne and Sandia National Laboratories, in collaboration with the Department of Energy's (DOE's) Chemical/Biological National Security Program (now DHS' Science and Technology Directorate), had begun development and testing of PROTECT, a comprehensive chemical detection and response enhancement system. In 2001, PROTECT was successfully tested in one major US metropolitan subway, and in 2003, it became fully operational.

GOALS

PROTECT's objective is to provide transit security officials with notification of a chemical release. The system also enables outside emergency responders to coordinate an effective, rapid response through its advanced command and control software showing hazard zones in conjunction with its networking and information sharing capability.

Program Overview:

The PROTECT program is a chemical detection, warning, and response system to assist transit security officials in the event of a chemical release in a subway system.

Goal:

PROTECT provides transit security officials with notification of a chemical release and allows responders to coordinate a rapid response.

- **Original Research**
 - **Methodology**
 - **Examples**

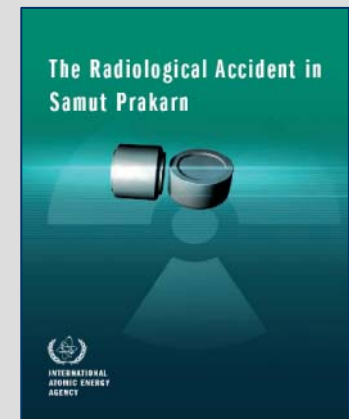
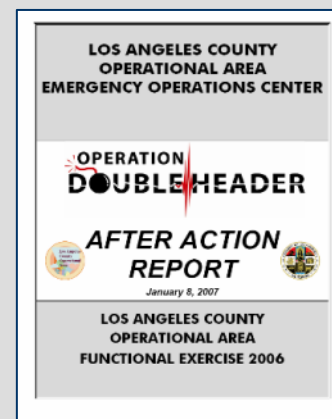
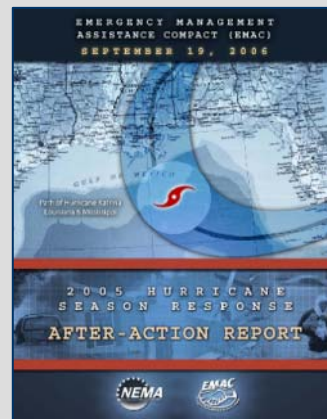
- **Content Repository**
 - **Content Types**
 - **Content Organization**

- **Network**
 - **Member Collaboration**
 - **Outreach and Partnerships**

LLIS.gov houses after-action reports on domestic and international incidents and exercises.

Examples include:

- **TOPOFF 4 Quick Look**
National - 2007
- **California Wildfires**
San Diego - 2007
- **Ice Storm**
Greene County, MO - 2007
- **2005 Hurricane Season**
Gulf Coast - 2005
- **Operation Double Header**
Los Angeles County, CA - 2006
- **Radiological Accident**
Samut Prakarn, Thailand - 2000



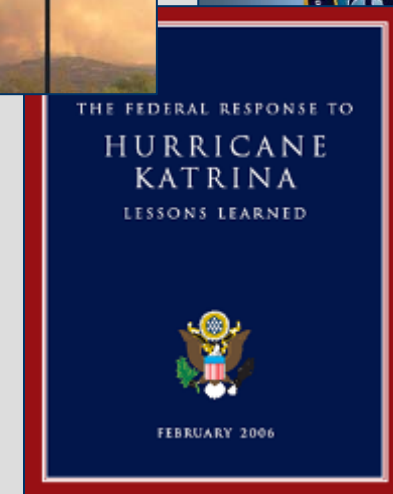
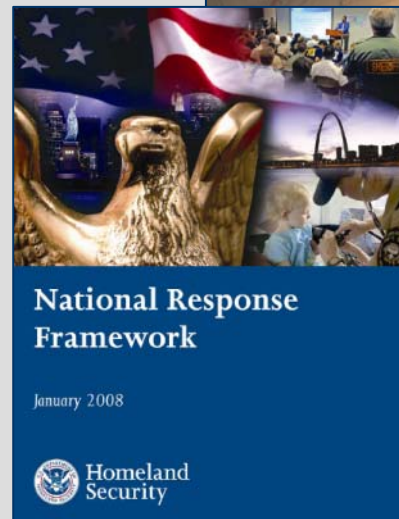
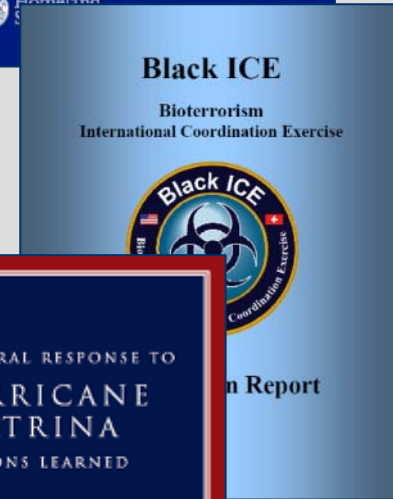
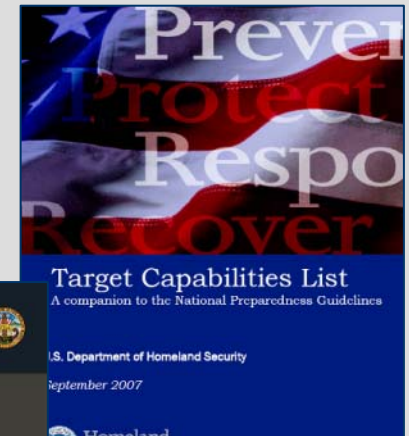
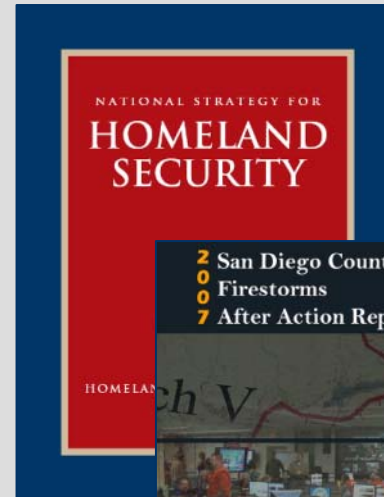
LLIS.gov houses emergency plans from state and local government offices as well as other public institutions and private sector entities.

Key features of this page:

- Plans are searchable by state
- Includes Best Practices, Lessons Learned, Practice Notes, and Good Stories relevant to EOPs and emergency planning
- Displays pertinent federal-level plans and planning guides
- Provides links to additional resource pages

The screenshot shows the 'State and Local Plans' page on LLIS.gov. At the top, it says 'State and Local Plans' and 'response to numerous member requests, LLIS.gov is gathering emergency plans from state and local government, other public institutions and private sector entities. The system currently houses over 1,000 plans from widely varying agencies including the Louisiana Department of Health and Hospitals; the Washington, DC Emergency Management Agency; the United States Coast Guard; the Federal Emergency Protection Agency; and the Kamehameha, Hawaii School District. Active feedback and input from our members enables LLIS.gov's continued expansion and growth. Please take time to improve your community: submit after-action reports, templates, strategies, and other relevant information: Submit Plans, After-Action Reports, and Other Documents. Email Comments, Questions, and Observations. CLICK ON A STATE TO ACCESS DOCUMENTS'. A map of the United States is shown with red arrows pointing to callout boxes for various states and territories. The callout boxes include: 'City of Helena Lewis & Clark County Emergency GIS Support', 'Texas Homeland Security Strategic Plan', 'Ohio Homeland Security Strategic Plan', and 'Volusia County emergency information 1885'. Below the map, it says 'Other Sections/Territories: Puerto Rico, American Samoa, Guam, Micronesia, U. Mariana Islands'.

LIBRARY
BY DISCIPLINE
BY PUBLISHER
BY INCIDENT
BY CONTENT TYPE



LLIS.gov houses federal guidelines, local emergency plans, after-action reports, and other homeland security-related documents that are easily found in the library.

LLIS.gov organizes information into topic-specific pages that serve as one-stop shops for users to access, share, and discuss key emergency response and homeland security issues.

Pandemic Influenza

Planning

Radiological Dispersal Devices

Construction of a Radiological Dispersal Device (RDD) is well within the capabilities of many terrorist organizations. RDDs are relatively easy to build and radiological materials can be acquired from many industrial or medical sources. Since 2001 Al Qaeda and other terrorist organizations have shown strong and consistent interest in developing and employing "dirty bombs." This page provides emergency response planners with RDD and relevant radiological incident response documents, plans, and studies.

Submit Lessons Learned and Innovative Practices

Submit Plans, After-Action Reports, and Other Documents

Email Comments, Experiences, and Observations

RDD RESOURCE LIBRARY

General Resources

- [LLIS.gov Radiological Dispersal Device Resources Fact Sheet](#): This fact sheet provides an overview of the Radiological Dispersal Device resource page on LLIS.gov.
- [An Integrated Physical Dispersion and Behavioral Response Model for Risk Assessment of Radiological Dispersal Device \(RDD\) Events](#): This article describes an approach for assessing the risks of RDD events incorporating both physical dispersion and behavioral response variables. The general approach is tested using the City of Pittsburgh, Pennsylvania as a case study.
- [Homeland Security, Emergency Management, and GIS](#): This Minnesota NSEM briefing describes how GIS technologies were used to develop a Radiological Emergency Preparedness plan in the event of a release of radiation/radioactive materials from the Monticello nuclear power plant in Minnesota.
- [Manual for First Responders to a Radiological Emergency](#): This IAEA manual provides emergency personnel with practical

Best Practices

- [Radiological Dispersal Device Incident Response Planning: Overview](#): This document describes the major issues that emergency managers and responders may face after an RDD event. It discusses the essential elements for establishing a minimal RDD emergency response capability.
- [Radiological Dispersal Device Incident Response Planning: Roles and Responsibilities of Emergency Response Organizations](#): This document identifies the roles and responsibilities of jurisdictions, states, and federal emergency response organizations following an RDD event.
- [Radiological Dispersal Device Incident Response Planning: Incident Identification](#): This document describes pre-planning initiatives to enhance emergency response personnel's capacity to identify an RDD incident.
- [Radiological Dispersal Device Incident Response Planning: Training and Exercises](#)

Pages include:


- Recent news and incidents
- *LLIS.gov* original research
- Resource library including AARs, EOPs, maps, studies, and federal guidelines
- Topic-specific search engine
- Upcoming events
- Forum
- Related links

Recent Incidents

LLIS.gov features up-to-date information on recent incidents and links to related lessons learned, best practices, and plans.

RECENT INCIDENTS

Residents Race to Fill Sandbags as Flooding Threatens North Dakota



Related LLIS Content

- [Flood Preparations to Think About](#)
- [Fact Sheet: Key Facts About Flood Readiness](#)
- [Your Family Disaster Plan](#)
- [Flood Response Plan Spring Flood Control](#)

CDC

FLOODS

FACT SHEET
Key Facts About Flood Readiness
Preparing for a Flood

Johnson County Emergency Management
511 South Capitol Street, Iowa City, IA. 52240

PH: (319) 356-6025
FX: (319) 339-6195
e-mail: dwilson@co.johnson.ia.us

about

Before a Flood

... checking the Flood Insurance

... measurements to reduce your risk and

... le to flooding.

... backing up into the drains of

... r from entering the building.

... d seepage.

... Flood Insurance Program!

... ties on hand along with plastic

... get it brought to your site in an

... ry of your property and contents.

Your Family Disaster Plan


HURRICANE • FLASH FLOOD • FIRE • HAZARDOUS MATERIALS SPILL • EARTHQUAKE • TORNADO • WINTER STORM

Where will your family be when disaster strikes? They could be anywhere—


- at work
- at school
- or in the car.

Disaster can strike quickly and without warning. It can force you to evacuate your neighborhood or confine you to your home. What would you do if basic services—water, gas, electricity or telephones—were cut off? Local officials and relief workers will be on the scene after a disaster, but they cannot reach everyone right away.

Families can—and do—cope with disaster by preparing in advance and working together as a team. Follow the steps listed in this brochure to create your family's disaster plan. Knowing what to do is your best protection and your responsibility.



How will you find each other? Will you know if your children are safe?



- **Original Research**
 - Methodology
 - Examples

- **Content Repository**
 - Content Types
 - Content Organization

- **Network**
 - Member Collaboration
 - Outreach and Partnerships

Collaboration tools, such as the member directory, AskLLIS forum, secure email, and message boards, connect jurisdictions from across the country.

LLIS.GOV MEMBERS AND DOCUMENTS BY STATE

(Click on a state to see its members or view relevant documents such as plans and SOPs.)

Arizona (AZ)

[Members \(973\)](#)

[Documents \(86\)](#)

[Close](#)

Message Boards

[New Forum](#)

Legend			
New topics or new posts	Remove forum from watch list	Edit forum or topic	
No new topics nor new posts	Add forum to watch list	Delete forum or topic	

Forum	Topics	Posts	Last Post On
General Discussion Please conduct general project discussion in this forum.	2	2	03/11/2009 04:08 PM
LLIS Forums General message board forum for all LLIS.gov members.	65	397	03/07/2009 11:25 AM
*QRAC WEBSITE FORUM This "forum" and the materials within are only visible to members of the QRAC channel.			

LLIS.gov Channels

sharing information through targeted member communication



Greensburg, Kansas Tornado Lessons Learned

LLIS.gov | Channel

Document and Resource Library

- [Pictures](#)
- [Briefings](#)
- [News Publications](#)
- [Reports](#)
- [Incident Report/Timeline](#)

[View All](#)

Recent Documents

5 Most Recently Added

- [Incident Report](#)
- [Greensburg Shows Way to Recovery](#)
- [Hills Woman is a Lion of Aid](#)
- [Slammed by Tornadoes, 2 Kansas Towns Form Bond](#)
- [USDA Making Mortgages Accessible to Disaster Victims](#)

Most Viewed Documents

1 Month 2 Months 3 Months

- [Incident Report](#)
- [Timeline](#)
- [Greensburg Shows Way to Recovery](#)
- [Slammed by Tornadoes, 2 Kansas Towns Form Bond](#)
- [Hills Woman is a Lion of Aid](#)

Search for a Document Within this Channel:

Member Search

Enter a portion of a last name to search for a specific Channel member:

[View All](#)

[Advanced Search](#)

Upload Documents

Contribute to the Greensburg, Kansas Tornado Lessons Learned Channel, upload documents below:

Channels are distinct areas of *LLIS.gov* dedicated to specific communities and topics of interest.

The *LLIS.gov* Team can help communities create specific Channels. The users who establish these Channels have full administrative control over the Channel content and membership.

In addition to monthly newsletters covering events and new information on *LLIS.gov*, the optional *LLIS.gov* Dispatch provides targeted, topic-specific notifications of new, relevant documents.

LLIS Dispatch Subscription

Below you'll find a list of *LLIS.gov* content areas which members can subscribe to. Once subscribed, users will be notified through a personalized newsletter of new content posted on the *LLIS.gov* system which pertains to their areas of interest. Please return to the "Settings" area of the site in order to adjust your preferences at anytime.

PRIMARY DISCIPLINES

- Community Preparedness
- Emergency Communications
- Emergency Management
- Emergency Medical Services
- Environmental Protection
- Federal Homeland Security Official
- Fire
- HazMat
- Healthcare
- Law Enforcement
- Mass Care and Human Services
- Mental Health
- Military

FEATURED TOPICS

- Community Preparedness
- Critical Infrastructure
- Cyber Security
- Exercise Planning and Program Management
- Disabilities and Special Needs
- Geographic Information Systems
- Hurricane Preparedness
- Incident Management
- Interoperable Communications
- Mass Evacuation
- Pandemic Influenza
- Planning
- Private Sector

Email update rate: Every week(s)



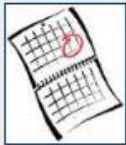
An essential aspect of the *LLIS.gov* mission is to facilitate communication with and among our members. On this page, the *LLIS.gov* Team would like to make ourselves and our resources as available to you as possible. If you have any questions, comments, or events at which you would like the *LLIS.gov* Team to present, please contact the Outreach Team at outreach@llis.dhs.gov.

What's New on *LLIS.gov*

- [December 2008 *LLIS.gov* Newsletter](#), 07 Jan 2009
- [A Co-Ordinated Response to Major Disasters, Crisis Response Journal](#), Sep 2008

EVENTS CALENDAR

LLIS.gov strives to provide a comprehensive list of emergency response and homeland security-related conferences, exercises, trainings, meetings, and other events throughout the country. Browse through the calendar below to find events you may want to attend.



LLIS.GOV PRESENTATIONS

The *LLIS.gov* team travels around the country speaking and exhibiting at conferences and events. Representatives of *LLIS.gov* are scheduled to speak at, exhibit during, or attend the upcoming events below. We hope to see you there!

- **13-14 Jan 2009:** 2009 CAPTAP Training Conference, Oak Ridge, TN
- **28 Jan 2009:** Maryland Anti-Terrorism Advisory Council Plenary Body, Hyattsville, MD
- **28-31 Jan 2009:** National Sheriffs' Association 2009 Winter Conference, Washington, DC
- **04-06 Feb 2009:** 2009 Industrial Fire, Safety, & Security Conference, Houston, TX
- **10 Feb 2009:** Three Rivers Pollution Response Council General Membership Meeting, Pittsburgh, PA
- **18-20 Feb 2009:** 2009 Public Health Preparedness Summit, San Diego, CA
- **04-06 Mar 2009:** 3rd National Emergency Management

Newsletters & Alerts

Access an archive of all *LLIS.gov* announcements and releases:

Newsletters

- [November 2008](#)
- [October 2008](#)
- [September 2008](#)
- [August 2008](#)
- [July 2008](#)
- [June 2008](#)
- [May 2008](#)
- [October 2007](#)
- [September 2007](#)
- [August 2007](#)

[View More](#)

Email Announcements

- [USFA Page and New Look Announcement](#), 07 Oct 2008
- [Wildland Fire Resources on *LLIS.gov*](#), 22 Jul 2008
- [Important Notice on *LLIS.gov* Security Changes](#), 16 Jun 2008
- [Greensburg, KS Tornado Channel](#), 05 May 2008
- [School Emergency Planning Best Practices and VNN.com](#), 09 Oct 2007
- [CSEPP and Login Information](#), 01 Oct 2007
- [National Preparedness Policy and Guidance Resource Page](#), 24 Sep 2007
- [National Preparedness Month Resource Page](#), 13 Aug 2007

[View More](#)

The Outreach page allows members to communicate and collaborate directly with the *LLIS.gov* Team.

- Browse and add items to the nationwide events calendar
- Download *LLIS.gov* outreach materials
- Find an archive of *LLIS.gov* announcements
- Request an *LLIS.gov* presentation
- Link to *LLIS.gov* from your Web site

LLIS.gov encourages members to contribute documents and actively seeks user feedback.

The screenshot shows the LLIS.gov website interface. At the top left is the FEMA logo (U.S. Department of Homeland Security). To its right is the text 'Lessons Learned Information Sharing LLIS.gov'. A search bar with a 'Search' button is located to the right of the header. Below the header is a navigation menu with links: HOME, CHANNELS, DIRECTORY, EVENTS, COLLABORATE, FEEDBACK, SETTINGS, and LOGOUT. The main content area is divided into two columns. The left column is titled '> Submit Content' and contains the text: 'Please let us know about lessons learned, best practices, and innovative programs in your jurisdiction by clicking on the appropriate area below:'. Below this text are several links: '> Lessons Learned', '> Best Practices', '> Good Stories', '> Practice Notes', '> After-Action Reports', and '> Other Documents'. At the bottom of this column are two bullet points: '• Add Events' and '• Add Links'. The right column is titled '> Submit Feedback' and contains the text: 'Tell us what you think about *Lessons Learned Information Sharing (LLIS.gov)*. We're always looking for suggestions to improve.' Below this text is a large text input field and a 'Submit' button.

- Contribute documents and ideas for future topics
- Provide direct feedback on *LLIS.gov* content or technical issues

The screenshot displays the LLIS.gov website with the following sections:

- Header:** FEMA logo, "Lessons Learned Information Sharing LLIS.gov", and a search bar.
- Navigation:** A menu bar with links: HOME, CHANNELS, EXERCISE SUPPORT, DIRECTORY, OUTREACH, COLLABORATE, FEEDBACK, SETTINGS, LOGOUT.
- Featured Topics:** A vertical list of links including TOPOFF 3, Cyber Security, Disabilities & Special Needs, Emergency Transportation Operations Channel, Exercise Planning and Program Management, Geographic Information Systems, Hurricane Preparedness, Interoperable Communications, Mass Evacuation, Pandemic Influenza, Radiological Dispersal Device, School Emergency Management Planning, State and Local Plans, Tactical Interoperable Communications Plan Exercises, Security, Wildland Fires, Private Sector, Planning, Incident Management, Training and Exercises, Public Communications, and Community Preparedness.
- New LLIS.GOV CONTENT:** A list of recent updates such as "NEW! Updated Target Capabilities", "NEW! Federal Preparedness Report", "Analysis of State and Local Officials' Views on Federal Preparedness Requirements", "STATE PREPAREDNESS REPORTS SUBMITTAL PAGE", "Lessons Learned Emergency Management: Establishing a General Purpose Workforce (20 Mar 2009)", "Mass Evacuation: Providing Muzzles and Pet Carriers at Evacuation Hubs (20 Mar 2009)", "Volunteer Management: Utilizing a Pre-Established Volunteer Database (20 Mar 2009)", and "AFTER-ACTION REPORT RESOURCE CENTER".
- Recent Incidents:** A section titled "RECENT INCIDENTS" featuring a photo of a chemical spill and the text "Chemical Spill Forces Evacuation in Pennsylvania". Below it, "Related LLIS Content" includes links for "Highway Vehicle Fires", "Chemical Accident Prevention and the Risk Management Program", and "Transportation Security Guidelines for the US Chemical Industry".
- LLIS.GOV MEMBERS AND DOCUMENTS BY STATE:** A section with a map of the United States and the instruction "(Click on a state to see its members or view relevant documents such as plans and SOPs.)".

Access quick links to *LLIS.gov* topic-specific pages

Learn more about *LLIS.gov* partners

View recent news with related *LLIS.gov* content

Sort *LLIS.gov* documents by publisher, title, publication date, or most frequently viewed

Locate members and documents specific to each state or territory

Lessons Learned Information Sharing is the national, online network of lessons learned, best practices, and innovative ideas for the emergency response and homeland security communities.

- *LLIS.gov* provides users with an accessible, online community of experienced professionals.
- *LLIS.gov* is secure, free, and easy to join.
- *LLIS.gov* houses a comprehensive document library that includes federal guidance, state and local plans, after-action reports, and original research.

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