Disasters Happen. Is Your Library Prepared?

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Typical Go-Bag

- Safety
- Communications
- Hygiene
- Medical supplies
- Navigation
- Tools
- Food, water

What’s missing?
## INFORMATION

**Why do you need information?**

- Preparedness
- Decision making
- Situational awareness
- Informed response
- Recovery

**What types of information do you need?**

- Public health
- Maps
- Situation status
- Safety alerts
- News
- Decision tools
- Reference tools
- Social media
Today’s topics

• Overview of Disaster Information Management Research Center (DIMRC)
  – Disaster health information
  – Disaster health tools & apps
  – Disaster Information Specialist program
• Library responses to disasters
• Stay in touch and stay informed
Disaster Information Management Research Center

Our vision: The disaster medicine and public health emergency community and those who support them are connected to evidence-based, quality disaster health information and innovative informatics tools that foster a culture of community resiliency and enhance health security.

Our mission:
Develop, organize, and make accessible health information resources and innovative tools for preparedness, response, and recovery related to disasters and public health emergencies.
Why Librarians and Libraries?

• Information is critical; librarians are information specialists
• Librarians are service-oriented, community-based resources
• Libraries are information hubs with computers and Internet
The Stafford Act

- Libraries are “essential community services” eligible for federal assistance “for the provision of temporary facilities”

- “Eligible public facilities include police, fire protection/emergency services, medical care, education, libraries, utilities and other essential community services.”

Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288 as amended), [http://fema.gov/about/stafact.shtm](http://fema.gov/about/stafact.shtm)

What Disaster Topics Do We Cover?

Events that overwhelm, or threaten to overwhelm, the local capacity to respond.

- Natural disasters
- Chemical, biological, radiation, nuclear and explosive causes of mass injuries and fatalities
- Health information resources for professionals
- All-hazards topics:
  - Children in disasters
  - Mass gatherings
  - Ethics & legal concerns
  - Coping with disasters
- Pandemic or epidemic infectious diseases; outbreaks following disasters
Information is Everywhere!
What we do

1. Identify
2. Acquire
3. Organize
4. Make available
5. Preserve
Selection Criteria

**Source**
- Authoritative
- High-quality
- Professional
- Web-accessible
- Non-commercial

**Select Content**
- Substantive
- Free
- Not in PubMed
- English
- Passes CRAP test

Disaster Health Information

- Peer-reviewed scholarly literature
- Journal articles
- Books
- Grey literature
- Reports
- Summaries
- Surveillance data
- Training materials
- Conference proceedings
Our Home Page: Your Information Toolkit

What You Will Find on Information Guides

Information by Topic Area

The searches below find resources from two National Library of Medicine databases:

- Disaster Lit: links to disaster medicine and public-health documents for a professional audience, available on the Internet at no cost. Includes expert guidelines, research reports, conference proceedings, training classes, fact sheets, websites, databases, and more.
- PubMed: more than 28 million citations for biomedical literature from MEDLINE, life science journals, and online books. May include links to full-text content from PubMed Central and publisher websites.

Click on the searches below, or go directly to the databases and develop your own searches.

**General Health-Related Information**

**Disaster Lit**
- Organic Peroxide Decomposition, Release, and Fire at Arkansa Crosby Following Hurricane Harvey Flooding, Crosby, Texas
- Select Hurricane-Related Resources

**Preparedness**
- Select Hurricane-Related Resources
- 2018 Annual Preparedness Poli Key Findings

**Cleanup**
- Organic Peroxide Decomposition, Release, and Fire at Arkansa Crosby Following Hurricane Harvey Flooding, Crosby, Texas
- Health Care in Puerto Rico and the U.S. Virgin Islands: A Six-Month Check-Up After the Storms

**PubMed**
- Medical and psychosocial needs of the Puerto Rican people after Hurricane Maria
- The US National Seed Strategy for Rehabilitation and Restoration: Progress and prospects
- Examining the influence of professional emergency management coordinators driving preparedness and resilience on university campuses
- Hurricane Katrina: A nurse practitioner’s experience
- Trees down, hazards abound: Observations and lessons from Hurricane Sandy
- Lower Respiratory Symptoms Associated With Environmental and Reconstruction Exposures After Hurricane Sandy
MedlinePlus

- Consumer-oriented materials
- Carefully selected links
- 17+ topic pages
Content Syndication

Embed our content and keep up to date with no effort

What is Content Syndication?
Content syndication allows you to place content from HHS websites onto your own site. It allows you to offer high-quality HHS content in the look and feel of your site. The syndicated content is automatically updated in real time, requiring no effort from your staff to keep the pages up to date.

Why should I do this?
There are many reasons to syndicate HHS content:
- You gain direct access to HHS content without having to monitor for or make updates.
- You can pull HHS content rather than linking to it, so visitors stay on your site.
- You can present HHS Web content in the look and feel of your website.
- You can control which pages and content from HHS to use on your site and where it appears.
- You can integrate HHS content with your own content.
- You can present HHS health content directly to employees through your intranet.

Why is HHS doing this?
Syndication allows us to disseminate up-to-date, accurate, and timely health information to our partners and the general public. This is an important part of HHS’s mission. How does it work? Participating HHS publishing partners (including FDA, CDC, NCI, NIH, NIAID, and many others) add special markup to their content. That content is then published into the HHS Syndication System. The content is then available through the digitalMedia.hhs.gov "Storefront", and through HHS’s robust application programming interface (API). The API allows you to display HHS and HHS partner content on your website using javascript or iframe snippets you copy/paste into your page. If you have a Content Management System (CMS), Syndication services can also be integrated directly with your existing workflow.

Where can I get the API / syndication code to add to my site?
Getting the syndication code is very easy using HHS’s Content Syndication site. Simply follow these three easy steps:

1. Register, and then log in (quick, free, easy): https://digitalmedia.hhs.gov/login/register
2. Browse the storefront https://digitalmedia.hhs.gov to find the content you’re interested in.
3. Copy the snippet code generated for each item and paste it into your existing site. That’s it!

How do I find a syndicated page I'm interested in?
Finding content is easy. You have several options:
- Search by keyword on the main page
- Use the advanced search (this allows you extra options to narrow your results)
Finding NLM Syndicated Content
Disaster Lit

https://disasterinfo.nlm.nih.gov/disaster-lit

- Grey literature
- Training
- Guidelines
- Proceedings
- Reports
- Enter search term or phrase
Disaster Lit Search Features

- **Search features:**
  - Boolean AND, OR, NOT
  - Filters/facets

- **Content**
  - 15,000+ records
Some of the “Usual Suspects”
DISASTER TOOLS & APPS
Hazmat/CBRNE Tools

- **WISER**: Wireless Information System for Emergency Responders
  - System to assist first responders and first receivers in hazardous material incidents.

- **CHEMM**: Chemical Hazards Emergency Medical Management
  - Guidance on planning, response and recovery related to chemical mass casualty incidents.

- **REMM**: Radiation Emergency Medical Management
  [https://www.remm.nlm.gov](https://www.remm.nlm.gov)
  - Guidance about clinical diagnosis and treatment of radiation injuries during radiological and nuclear emergencies.
WISER


- Data on 400+ chemicals, 20+ radiologic agents, and CDC Category A biologic agents
- Tools and reference materials
- Triage algorithms, ERG 2016, WMD Response Guidebook
- Radiation procedure documents, Dose Estimator, Unit Converter, and more
CHEMNM


- Tool for **mass casualty** chemical events

- Scope:
  - Training
  - Planning
  - Response during event
REMM

https://www.remm.nlm.gov

- Radiation principles (e.g., exposure vs. contamination)
- Patient management algorithms
- Initial on-site activities
- Decontamination procedures
- Assess internal contamination
- Countermeasures
Disaster Apps and Mobile-Optimized Web Pages

Disaster Apps for Your Digital Go Bag

CBRNE and Hazardous Substances
Medical and Health Information
Responder Support and Safety
Psychological Health Tools
U.S. Federal Organizations
American Red Cross Suite of Apps
Surveillance and Alerts
Family Reunification
Apps for Disasters in Libraries

Notes:
The tools on this page are designed to provide mobile device users access to Web-based content. They are developed to run on specific mobile platforms, such as iOS (iPhone and iPad), Android, or Blackberry.

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CBRNE and Hazardous Substances

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A two-page promotional flyer (PDF, 308 KB) highlighting these apps and mobile sites is available to download and print.

CBRNE and Hazardous Substances

- WISER (includes CHEMM)
- Mobile REMM

WISER (Wireless Information System for Emergency Responders) assists first responders in Hazmat incidents, with features including substance identification support, containment and suppression advice, and medical treatment information. Content from CHEMM (Chemical Hazards Emergency Medical Management) is included in this app.

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DISASTER INFORMATION SPECIALIST (DIS) PROGRAM
NLM Disaster Information Specialist Program

*Support for librarians providing disaster information outreach to their communities.*

- Identify roles for librarians in all phases of disaster work: preparedness, mitigation, response and recovery.

- Encourage librarians to participate by building a community of practice and a culture of preparedness.
Disaster Information Specialist

https://disasterinfo.nlm.nih.gov/training

• All courses are free

• All courses are available online

• Courses are designed for librarians and disaster health workforce

• Optional certificate from Medical Library Association (member $55, nonmember $75)  www.mlanet.org/education/dis

• 15 CE for basic level (including 3 required courses); additional 12 CE for advanced level
Webinars

https://disasterinfo.nlm.nih.gov/webinars

Save the date:

Thursday, September 20, 1:30pm ET

Planning for Disaster: Partnerships
Ensure Continuity of Operations

Slides and recording available online
one week after webinar
LIBRARIANS RESPOND TO DISASTERS
Bibliography: Librarians and Libraries Respond to Disasters

This bibliography highlights library roles in disaster preparedness, response, and recovery, from 2014 to the present. For older articles, see the bibliography archive.

2018 Publications


2017 Publications

2016 Publications

2015 Publications

2014 Publications
Opioid Crisis

Other Duties as Assigned – Public Librarians in the Heart of the Opioid Epidemic

by Karen Pundt on September 11, 2017

Opioid abuse is reaching critical levels in many cities across the country. Some public librarians have taken on the battle firsthand. In Denver and Philadelphia, overdose fatalities in the library itself spurred action. Trained staff administer the anti-overdose medication Narcan and intervene when an overdose occurs.

In Philadelphia, four overdoses in one year spurred the McPherson Branch of the Free Public Library to take action. They proactively sought training on anti-overdose medication and learned how to administer it. They conduct overdose drills so they are prepared for incidents. Other measures include new rules for bathroom use and increased monitoring. [1]

The Denver Public Library has come into the spotlight as they face this challenge. In addition to training staff on Narcan, they added a social worker to its staff. They work more closely with their police department to address any misconduct. The police now have a more regular presence in the building. The library added security cameras to increase the ability to monitor activity. Some bathrooms were closed to limit the number of places to control [2, 3]

On June 1, the Philadelphia Inquirer broke the news that the Free Library of Philadelphia’s McPherson Square branch had a serious problem with opioid use among patrons. By June 3, everybody from the Washington Post to National Public Radio (NPR) had picked up the story.

"As this nation’s opioid crisis has exploded, the staff at the public library ... have become first responders,” NPR’s Scott Simon told listeners. “And I gather the Free Library adds a new role— including the delivery of life-saving Narcan to drug users...
STAY CONNECTED,
STAY INFORMED
Stay Connected and Informed

- Website: https://disasterinfo.nlm.nih.gov/
- Twitter: @NLM_DIMRC
- Discussion list, email updates: https://disasterinfo.nlm.nih.gov/stay-connected
- Monthly webinars open to all: https://disasterinfo.nlm.nih.gov/webinars
Regional Medical Libraries

http://nnlm.gov/

- **Region 1**: Delaware, New Jersey, New York, Pennsylvania
- **Region 2**: Alabama, Florida, Georgia, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia, District of Columbia, Puerto Rico, U.S. Virgin Islands
- **Region 3**: Iowa, Illinois, Indiana, Kentucky, Michigan, Minnesota, North Dakota, Ohio, South Dakota, Wisconsin
- **Region 4**: Colorado, Kansas, Missouri, Nebraska, Utah, Wyoming
- **Region 5**: Arkansas, Louisiana, New Mexico, Oklahoma, Texas
- **Region 6**: Alaska, Idaho, Montana, Oregon, Washington
- **Region 7**: Arizona, California, Hawaii, Nevada and the U.S. Territories in the Pacific Basin
- **Region 8**: Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, Vermont
Contact Information

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