

## **Natural Disasters and Environmental Health : A Selected Bibliography**

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### **General-Overall Resource for Information:**

- General information on hurricane and flood disasters  
[http://katrinahelp.info/wiki/index.php/Health\\_and\\_Safety](http://katrinahelp.info/wiki/index.php/Health_and_Safety)
- Ahern M, Kovats RS, Wilkinson P, Few R, Matthies F: Global health impacts of floods: Epidemiologic evidence. *Epidemiologic Reviews* 2005, 27:36-46
- Noji, E: Public health issues in disasters. *Scientific Reviews* 2005, 33(1)Supplement:S29-S33.
- Spiegel, PB: Differences in world responses to natural disasters and complex emergencies. *JAMA* Apr 20 2005 293(15)1915-1918


### **Chemical Emergencies:**

- General chemical and drug information  
<http://sis.nlm.nih.gov/enviro/chemicaldruginformation.html>
- Chemical emergency resources for the public and professionals  
<http://www.bt.cdc.gov/chemical/>
- Hurricanes, toxicology, and health  
<http://sis.nlm.nih.gov/enviro/hurricane.html>
- **Specific Compounds of potential hazard:**
  - [Asbestos](#)
  - [Benzene](#)
  - [Fuel Oil No.2 \(Diesel\)](#)
  - [Gasoline](#)
  - [Kerosene](#)
  - [Lead Compounds](#)
  - [Propane](#)
- **Tox Town Locations:**
  - [Asbestos](#)
  - [Benzene](#)
  - [Lead](#)
- Balluz L, Moll D, Martinez MGD, Colindres JEM, Malilay J: Environmental pesticide exposure in Honduras following hurricane Mitch. *Bulletin Of The World Health Organization* 2001, 79(4):288-295.
- Breslin K: Natural disasters and man-made responses: are we protecting environmental health? *Environ Health Perspect* 1993, 101(7):590-592.

- Chen W, Kan AT, Fu GM, Tomson MB: Factors affecting the release of hydrophobic organic contaminants from natural sediments. Environmental Toxicology And Chemistry 2000, 19(10):2401-2408.
- Mielke HW, Dugas D, Mielke PW, Smith KS, Smith SL, Gonzales CR: Associations between soil lead and childhood blood lead in urban New Orleans and rural Lafourche Parish of Louisiana. Environmental Health Perspectives 1997, 105(9):950-954.
- Mielke HW, Wang G, Gonzales CR, Le B, Quach VN, Mielke PW: PAH and metal mixtures in New Orleans soils and sediments. Science Of The Total Environment 2001, 281(1-3):217-227.

### Cleanup & Recovery:

- [After a Flood](#)  
Centers for Disease Control and Prevention
- [Disasters & Emergencies: Hurricanes](#)  
U.S. Department of Health and Human Services
- [Disaster : Myths that just won't die.](#)   
Pan American Health Organization
- [Disposing of Debris and Removing Hazardous Waste](#)  
FEMA
- [Environmental health in emergencies and disasters : A practical guide](#)   
Regional Information Center for Latin America and the Caribbean (CRID)
- [Epidemiologic surveillance after natural disaster.](#)   
Regional Information Center for Latin America and the Caribbean (CRID)
- [Flood Cleanup - Avoiding Indoor Air Quality Problems](#)  
U.S. Environmental Protection Agency
- [Flooding and communicable diseases fact sheet](#)  
World Health Organization
- [A guide to emergency health management after natural disaster](#)  
Regional Information Center for Latin America and the Caribbean (CRID)
- [Guide to Sanitation in Shelters and Camps](#)  
Pan American Health Organization
- [Health services organization in the event of disaster](#)   
Pan American Health Organization
- [Humanitarian Assistance in Disaster Situations](#)   
Pan American Health Organization
- [Hurricane Fire Safety](#)  
U.S. Fire Administration
- [Keeping Workers Safe During Clean Up and Recovery Operations Following Hurricanes](#)  
Occupational Safety and Health Administration
- [Key Facts About Infectious Disease](#)  
Centers for Disease Control and Prevention
- [Key Facts About Flood Recovery](#)  
Centers for Disease Control and Prevention


- [Planning for Disaster Debris](#)  
U.S. Environmental Protection Agency
- [Management of dead bodies in disaster situations](#)  
Regional Information Center for Latin America and the Caribbean (CRID)
- [Picking Up The Pieces After a Disaster](#)  
American Red Cross
- [Rapid health assessment protocols for emergencies](#)   
World Health Organization
- [Recover from a hurricane](#)  
U.S. Environmental Protection Agency
- [Recovering from Disaster](#)  
FEMA
- [Storm and Flood Cleanup](#)  
National Institute for Occupational Safety and Health
- [Suggested post-hurricane activities for water and wastewater facilities](#)  
U.S. Environmental Protection Agency
- Tsunami exposed toxic waste dumped in Somalia. Marine Pollution Bulletin 2005, 50(5):492-492.
- Chen W, Kan AT, Fu G, Vignona LC, Tomson MB: Adsorption-desorption behaviors of hydrophobic organic compounds in sediments of Lake Charles, Louisiana, USA. Environmental Toxicology And Chemistry 1999, 18(8):1610-1616.
- Hu CY, Raymond DJ: Lessons learned from hazardous chemical incidents - Louisiana Hazardous Substances Emergency Events Surveillance (HSEES) system. Journal Of Hazardous Materials 2004, 115(1-3):33-38.
- Lee S, Kommalapati RR, Valsaraj KT, Pardue JH, Constant WD: Bioavailability of reversibly sorbed and desorption-resistant 1,3-dichlorobenzene from a Louisiana superfund site soil. Water Air And Soil Pollution 2004, 158(1):207-221.
- Mowat FS, Bundy KJ: Correlation of field-measured toxicity with chemical concentration and pollutant availability. Environment International 2001, 27(6):479-489.
- Santschi PH, Presley BJ, Wade TL, Garcia-Romero B, Baskaran M: Historical contamination of PAHs, PCBs, DDTs, and heavy metals in Mississippi River Delta, Galveston Bay and Tampa Bay sediment cores. Marine Environmental Research 2001, 52(1):51-79.

### **Disease and Health Risk:**

- [Health and safety during hurricane and flood recovery](#)  
Centers for Disease Control and Prevention
- Bernardo LM, Veenema TG: Pediatric emergency preparedness for mass gatherings and special events. Disaster Manag Response 2004, 2(4):118-122.
- Booker SM: Evaluating Floyd's effect on health in eastern North Carolina. Environ Health Perspect 2000, 108(2):A67.
- Cordero JF: The epidemiology of disasters and adverse reproductive outcomes: lessons learned. Environ Health Perspect 1993, 101 Suppl 2:131-136.
- Diaz JH: The public health impact of hurricanes and major flooding. J La State Med Soc 2004, 156(3):145-150.

- Euripidou E, Murray V: Public health impacts of floods and chemical contamination. J Public Health (Oxf) 2004, 26(4):376-383.
- Galea S, Nandi A, Vlahov D: The epidemiology of post-traumatic stress disorder after disasters. Epidemiologic Reviews 2005, 27:78-91
- Guidry VT, Margolis LH: Unequal respiratory health risk: Using GIS to explore hurricane related flooding of schools in Eastern North Carolina. Environmental Research 2005, 98(3):383-389.
- Maegele M, Gregor S, Steinhausen E, Bouillon B, Heiss MM, Perbix W, Wappler F, Rixen D, Geisen J, Berger-Schreck B et al: The long-distance tertiary air transfer and care of tsunami victims: Injury pattern and microbiological and psychological aspects. Critical Care Medicine 2005, 33(5):1136-1140.
- Manuel J.: In Katrina's wake. Environmental Health Perspectives 2006, 114(1): A32-39.
- Moszynski P: Disease threatens millions in wake of tsunami. British Medical Journal 2005, 330(7482):59-59.
- Noji EK: Analysis Of Medical Needs During Disasters Caused By Tropical Cyclones - Anticipated Injury Patterns. Journal Of Tropical Medicine And Hygiene 1993, 96(6):370-376.
- Orellana C: Tackling infectious disease in the tsunami's wake. Lancet Infectious Diseases 2005, 5(2):73-73.
- Waring SC, Brown BJ: The threat of communicable diseases following natural disasters: a public health response. Disaster Manag Response 2005, 3(2):41-47.
- Wilson, JF: Health and the environment after Hurricane Katrina. Annals of Internal Medicine 2006, 144(2):153-156.
- Wilson ME: Lessons from North Carolina. Disaster Manag Response 2004, 2(3):67-68.

### Drinking Water:

- [Emergency Disinfection of Drinking Water](#)  
U.S. Environmental Protection Agency
- [Bathing water quality and human health : Faecal pollution](#)   
World Health Organization (WHO)
- [Drinking Water](#)  
MedlinePlus
- [Guidelines for the surveillance and control of drinking water quality.](#)  
World Health Organization
- [Safe water supplies](#)  
FEMA
- [Water Treatment](#)  
American Red Cross
- Fran squeezes the life out of NC waters. Environ Health Perspect 1997, 105(1):23-25.

### **Finding Family and Friends:**

- [http://www.firstgov.gov/Citizen/Topics/PublicSafety/Hurricane\\_Katrina\\_Recovery.shtml](http://www.firstgov.gov/Citizen/Topics/PublicSafety/Hurricane_Katrina_Recovery.shtml) US Government
- [Red Cross](#) - Contact information



### **Children's Environmental Health and Natural Disasters:**

- [Pediatric Environmental Health Specialty Units](#)  
The Agency for Toxic Substances and Disease Registry and the EPA's collaboration on children's environmental health, with locations by region
- [FEMA for Kids](#)  
Federal Emergency Management Agency's website for children, with disaster preparedness tips, quizzes, games, and resources for parents and teachers


### **Animal and Pet Safety Information:**

- [Animal Emergency Services for Pets and Livestock](#)  
American Humane Association
- [HSUS Disaster Center: preparedness tips, emergency services](#)  
The Humane Society of the United States
- [Animal Safety Preparedness](#)  
American Red Cross

### **Food Safety:**

- [Food and Water in an Emergency](#)   
FEMA
- [Food Safety](#)  
MedlinePlus
- [Food Safety in a Power Outage](#)   
American Red Cross
- [FDA Offers Valuable Food Safety Information for Hurricane, Power Outages, and Flood Aftermath](#)  
Center for Food Safety and Applied Nutrition
- [Keeping Food Safe During an Emergency](#)  
Food Safety and Inspection Service
- [Keeping Food Safe During Flooding and Power Outages](#)  
Food Safety and Inspection Service
- Magkos F, Arvaniti F, Piperkou I, Katsigaraki S, Stamatelopoulos K, Sitara M, Zampelas A: Nutritional risk following a major disaster in a previously well-nourished population: who is vulnerable? Public Health 2004, 118(2):143-145.

## Mold:

- [A Brief Guide to Mold, Moisture, and Your Home](#)  
U.S. Environmental Protection Agency
- [Moisture, Mold and Mildew](#)   
U.S. Environmental Protection Agency
- [Mold Cleanup Guidelines](#)  
U.S. Environmental Protection Agency
- [Mold Remediation in Schools and Commercial Buildings](#)  
U.S. Environmental Protection Agency
- [Mold Resources](#)  
U.S. Environmental Protection Agency
- [Molds](#)  
MedlinePlus

## Safety and Avoiding Illness:

- Protect your health and safety after a hurricane or flood  
<http://www.bt.cdc.gov/disasters/hurricanes/recovery.asp>  
Centers for Disease Control and Prevention

## Maps of Facilities that Manufacture Toxic Chemicals:

- [TOXMAP - Maps of facilities which manufacture, process, use, or transport significant amounts of toxic chemicals](#)
  - [Alabama](#)
  - [Florida](#)
  - [Georgia](#)
  - [Louisiana](#)
    - [New Orleans](#)
  - [Mississippi](#)
    - [Biloxi](#)
    - [Gulfport](#)
  - [North Carolina](#)
  - [South Carolina](#)
  - [Tennessee](#)
  - [Texas](#)