

FEMA REGION I MITIGATION PLANNING WEBLIOGRAPHY

Hazard Mitigation is sustained action taken to reduce or eliminate risk to people and their property from natural hazards over the longest possible term.

REGULATORY INFORMATION

	Final Rule 44 CFR 201.6 http://www.fema.gov/pdf/help/fr02-4321.pdf
Disaster Mitigation Act of 2000 (DMA 2K)	http://www.fema.gov/library/viewRecord.do?id=1935

DISASTERS AND NATURAL HAZARDS INFORMATION

FEMA-How to deal with specific hazards

<http://www.ready.gov/natural-disasters>

Natural Hazards Center at the University of Colorado

<http://www.colorado.edu/hazards>

National Oceanic and Atmospheric Administration (NOAA): Information on various projects and research on climate and weather.

<http://www.websites.noaa.gov>

National Climatic Data Center active archive of weather data.

<http://lwf.ncdc.noaa.gov/oa/ncdc.html>

Northeast Snowfall Impact Scale

<http://www.erh.noaa.gov/rnk/Newsletter/Fall%202007/NESIS.htm>

Weekend Snowstorm Strikes The Northeast Corridor Classified As A Category 3 "Major" Storm

<http://www.publicaffairs.noaa.gov/releases2006/feb06/noaa06-023.html>

FLOOD RELATED HAZARDS

FEMA Coastal Flood Hazard Analysis & Mapping

<http://www.fema.gov/national-flood-insurance-program-0/fema-coastal-flood-hazard-analyses-and-mapping-1>

Floodsmart

<http://www.floodsmart.gov/floodsmart/>

National Flood Insurance Program (NFIP)

<http://www.fema.gov/nfip>

Digital quality Level 3 Flood Maps
<http://msc.fema.gov/MSC/statemap.htm>

Flood Map Modernization
<http://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/map-modernization>

Reducing Damage from Localized Flooding: A Guide for Communities, 2005 FEMA 511
<http://www.fema.gov/library/viewRecord.do?id=1448>

WIND-RELATED HAZARDS

ATC Wind Speed Web Site
<http://www.atcouncil.org/windspeed/index.php>

U.S. Wind Zone Maps
<http://www.fema.gov/safe-rooms/wind-zones-united-states>

Tornado Project Online
<http://www.tornadoproject.com/>

National Hurricane Center
<http://www.nhc.noaa.gov>

Community Hurricane Preparedness Tutorial
<http://meted.ucar.edu/hurrican/chp/hp.htm>

National Severe Storms Laboratory, 2009, "Tornado Basics",
http://www.nssl.noaa.gov/primer/tornado/tor_basics.html
<http://www.slideshare.net/JeffPermuy/overview-of-us-tornadoes>

FIRE RELATED HAZARDS

Firewise
<http://www.firewise.org>

NOAA Fire Event Satellite Photos
<http://www.osei.noaa.gov/Events/Fires>

U.S. Forest Service, USDA
<http://www.fs.fed.us/land/wfas/welcome.htm>

Wildfire Hazards - A National Threat
<http://pubs.usgs.gov/fs/2006/3015/2006-3015.pdf>

GEOLOGIC RELATED HAZARDS

USGS Topographic Maps
<http://topomaps.usgs.gov/>

HAZUS

<http://www.hazus.org>

Building Seismic Safety Council

<http://www.nibs.org/?page=bssc>

Earthquake hazard history by state

<http://earthquake.usgs.gov/earthquakes/states/>

USGS data on earthquakes

<http://earthquake.usgs.gov/monitoring/deformation/data/download/>

USGS Earthquake homepage

<http://quake.wr.usgs.gov>

National Cooperative Geologic Mapping Program (NCGMP)

<http://ncgmp.usgs.gov/>

Landslide Overview Map of the Conterminous United States

<http://landslides.usgs.gov/learning/nationalmap/>

Kafka, Alan L. 2008. *Why Does the Earth Shake in New England?* Boston College, Weston Observatory, Department of Geology and Geophysics

http://www2.bc.edu/~kafka/Why_Quakes/why_quakes.html

Map and Geographic Information Center, 2010, "Connecticut GIS Data", University of Connecticut, Storrs, Connecticut

http://magic.lib.uconn.edu/connecticut_data.html

2012 Maine earthquake

http://www.huffingtonpost.com/2012/10/17/maine-earthquake-2012-new-england_n_1972555.html

DETERMINING RISK AND VULNERABILITY

Vulnerability Assessment Tutorial: On-line tutorial on how to complete a local risk and vulnerability assessment

<http://www.csc.noaa.gov/products/nchaz/htm/mitigate.htm>

Case Study: an example of a completed risk and vulnerability assessment

<http://www.csc.noaa.gov/products/nchaz/htm/case.htm>

GENERAL PLANNING WEBSITES

American Planning Association

<http://www.planning.org>

PlannersWeb - Provides city and regional planning resources

<http://www.plannersweb.com>

GEOGRAPHIC INFORMATION SYSTEMS (GIS) AND MAPPING

The National Spatial Data Infrastructure & Clearinghouse (NSDI) and Federal Geographic Data Committee (FGDC) Source for information on producing and sharing geographic data
<http://www.fgdc.gov>

The OpenGIS Consortium Industry source for developing standards and specifications for GIS data
<http://www.opengis.org>

Northeast States Emergency Consortium (NESEC): Provides information on various hazards, funding resources, and other information
<http://www.nesec.org>

DATA GATHERING

The Hydrologic Engineering Center (HEC), an organization within the Institute for Water Resources, is the designated Center of Expertise for the US Army Corps of Engineers
<http://www.hec.usace.army.mil/>

National Water & Climate Center
<http://www.wcc.nrcs.usda.gov/>

WinTR-55 Watershed Hydrology
<http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/water/?&cid=stelprdb1042901>

USACE Hydrologic Engineering Center (HEC)
<http://www.hec.usace.army.mil/software/>

Stormwater Manager's Resource Center SMRC
<http://www.stormwatercenter.net>

USGS Current Water Data for the Nation
<http://waterdata.usgs.gov/nwis/rt>

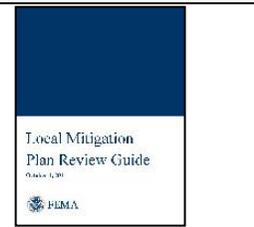
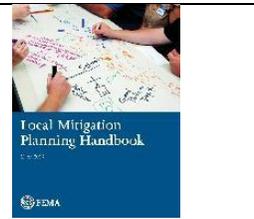
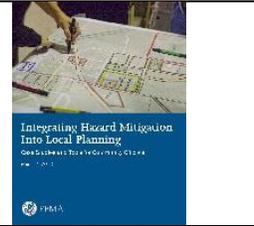
USGS Water Data for the Nation
<http://waterdata.usgs.gov/nwis/>

Topography Maps and Aerial photos
<http://www.terraserver.com/view.asp?tid=142>

National Register of Historic Places
<http://www.nps.gov/nr/about.htm>

National Wetlands Inventory
<http://www.fws.gov/wetlands/>

FEMA RESOURCES

	<p>FEMA Multi-Hazard Mitigation Planning Website http://www.fema.gov/multi-hazard-mitigation-planning</p>
	<p>FEMA Resources Page http://www.fema.gov/plan/mitplanning/resources.shtm</p>
	<p>Local Mitigation Plan Review Guide http://www.fema.gov/library/viewRecord.do?id=4859</p>
	<p><u>Local Mitigation Planning Handbook</u> complements and liberally references the <u>Local Mitigation Plan Review Guide</u> above http://www.fema.gov/library/viewRecord.do?id=7209</p>
	<p>HAZUS http://www.fema.gov/protecting-our-communities/hazus</p>
	<p>Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards http://www.fema.gov/library/viewRecord.do?id=6938</p>
	<p>Integrating Hazard Mitigation Into Local Planning: Case Studies and Tools for Community Officials</p>
	<p>IS-318 Mitigation Planning for Local and Tribal Communities Independent Study Course – http://training.fema.gov/EMIWeb/IS/is318.asp</p>

Federal Emergency Management Agency (FEMA)

www.fema.gov

National Mitigation Framework

<http://www.fema.gov/national-mitigation-framework>

Federal Insurance and Mitigation Administration (FIMA)

<http://www.fema.gov/fima>

Community Rating System (CRS)

<http://www.fema.gov/national-flood-insurance-program/national-flood-insurance-program-community-rating-system>

FEMA Building Science

<http://www.fema.gov/building-science>

National Flood Insurance Program (NFIP)

<http://www.fema.gov/national-flood-insurance-program>

Floodplain Management & Community Assistance Program

<http://www.fema.gov/floodplain-management>

Increased Cost of Compliance (ICC): ICC coverage allows homeowners whose structures have been repeatedly or substantially damaged to cover the cost of elevation and design requirements for rebuilding with their flood insurance claim up to a maximum of \$30,000.

<http://www.fema.gov/national-flood-insurance-program-2/increased-cost-compliance-coverage>

National Disaster Recovery Framework

<http://www.fema.gov/national-disaster-recovery-framework>

Computer Sciences Corporation: contracted by FIMA as the NFIP Statistical Agent, CSC provides information and assistance on flood insurance to lenders, insurance agents and communities

www.csc.com

OTHER FEDERAL RESOURCES

U.S. Army Corps of Engineers: Provides funding for floodplain management planning and technical assistance and other water resources issues.

www.nae.usace.army.mil

Natural Resources Conservation Service: Technical assistance to individual land owners, groups of landowners, communities, and soil and water conservation districts.

www.nrcs.usda.gov

Rural Economic and Community Development: Technical assistance to rural areas and smaller communities in rural areas on financing public works projects.

www.rurdev.usda.gov

Farm Service Agency: Manages the Wetlands Reserve Program (useful in open space or acquisition projects by purchasing easements on wetlands properties) and farmland set aside programs
www.fsa.usda.gov

National Weather Service: Prepares and issues flood, severe weather and coastal storm warnings. Staff hydrologists can work with communities on flood warning issues; can give technical assistance in preparing flood-warning plans.
www.weather.gov

Economic Development Administration (EDA): Assists communities with technical assistance for economic development planning
www.osec.doc.gov/eda/default.htm

National Park Service: Technical assistance with open space preservation planning; can help facilitate meetings and identify non-structural options for floodplain redevelopment.
www.nps.gov

Fish and Wildlife Services: Can provide technical and financial assistance to restore wetlands and riparian habitats.
www.fws.gov

Department of Housing & Urban Development
www.hud.gov

Small Business Administration: SBA can provide additional low-interest funds (up to 20% above what an eligible applicant would qualify for) to install mitigation measures. They can also loan the cost of bringing a damaged property up to state or local code requirements.
www.sba.gov/disaster

Environmental Protection Agency
www.epa.gov

SUSTAINABILITY/ADAPTATION/CLIMATE CHANGE

Resilient Sustainable Communities: Integrating Hazard Mitigation & Sustainability into Land Use
<http://www.earth.columbia.edu/sitefiles/file/education/documents/2013/Resilient-Sustainable-Communities-Report.pdf>

U.S. EPA
<http://www.epa.gov/climatechange/>

NOAA National Ocean Service (NOS)
<http://oceanservice.noaa.gov/>

National Fish, Wildlife and Plants Climate Adaptation Strategy
www.wildlifeadaptationstrategy.gov

ICLEI Local Governments for Sustainability
<http://www.icleiusa.org/>

Kresge Foundation Survey

<http://www.kresge.org/news/survey-finds-communities-northeast-are-trying-plan-for-changes-climate-need-help-0>

New England's Sustainable Knowledge Corridor

<http://www.sustainableknowledgecorridor.org/site/>

The Strategic Foresight Initiative (SFI)

http://www.fema.gov/pdf/about/programs/oppa/findings_051111.pdf

OTHER RESOURCES

New England States Emergency Consortium (NESEC): NESEC conducts public awareness and education programs on natural disaster and emergency management activities throughout New England. Brochures and videotapes are available on earthquake preparedness, mitigation, and hurricane safety.

www.nesec.org

The Association of State Floodplain Managers (ASFPM): ASFPM has developed a series of technical and topical research papers, and a series of Proceedings from their annual conferences.

www.floods.org

National Voluntary Organizations Active in Disaster (VOAD) is a non-profit, nonpartisan membership organization that serves as the forum where organizations share knowledge and resources throughout the disaster cycle—preparation, response, recovery and mitigation.

<http://www.nvoad.org/>

REGION I MITIGATION PLANNING CONTACTS

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