

Resources

The Project Impact Guidebook provides an overall description of the *Project Impact: Building Disaster Resistant Communities* initiative and directions on how to take the first steps toward building a disaster-resistant community, including forming partnerships, assessing risk, prioritizing needs, and communicating success to your community. *The Community Tool Kit* provides detailed information on how to achieve the four main steps described above and includes helpful implementation tips, checklists, and suggestions on how to achieve community goals.

The Emergency Management Guide for Business and Industry, FEMA, 1993, provides a step-by-step approach to emergency management planning, response, and recovery. It also details a planning process that companies can follow to better prepare for a wide range of hazards and emergency events. This effort can enhance a company's ability to recover from financial losses, loss of market share, damages to equipment, and product or business interruptions.

HAZUS - FEMA's Standardized Risk Assessment Methodology. FEMA has established a standardized risk assessment methodology, HAZUS, which is used to estimate potential losses from earthquakes. Flood and wind hazard modules are under development. FEMA will provide HAZUS software and additional resource documents at no cost. Minimum user requirements are MapInfo or ArcView GIS software.

Seismic Considerations for Communities at Risk (FEMA Publication 83). This publication provides interested individuals and community

decision makers with information for assessing seismic risk and making informed decisions about seismic safety in their communities and in determining what should be done to mitigate the risk. Also included are considerations when deciding whether and how to take action and suggestions for stimulating community action.

Economic Impact Assessments. As a result of Hurricane Floyd in September 1999, economic impact assessments were prepared for FEMA by the Economic Development Administration for the states of Virginia, North Carolina, and New Jersey. The objective of these economic impact assessments was to provide recommendations in the recovery process to aid in making decisions and contribute to long-range mitigation initiatives and strategic planning.

Long-Term Recovery Action Plans. Long-term recovery action plans were prepared due to flooding and the effects of past flood mitigation measures in Georgia, Alabama, and Florida. These plans emphasize mitigation opportunities as the core to recovery efforts.

In addition, long-term recovery action plans were prepared for Puerto Rico on needs resulting from Hurricane Georges and the effects of past flood and hurricane mitigation measures.

A Guide to Federal Aid in Disasters, FEMA 262, June 1997. When disasters exceed the capabilities of State and local governments, the President's disaster assistance program (administered by FEMA) is the primary source of Federal assistance. This handbook discusses the procedures and process for obtaining this assistance, and provides a brief overview of each of the various programs of assistance that may be available.

Post-Disaster Hazard Mitigation Planning Guidance for State and Local Governments, FEMA, DAP-12, September 1990.

This handbook explains the basic concepts of hazard mitigation, and shows State and local governments how they can develop and achieve mitigation goals within the context of FEMA's post-disaster hazard mitigation planning requirements. The handbook focuses on approaches to mitigation, with an emphasis on multi-objective planning.

Order any of these publications, and many others, from FEMA at 1.800.480.2520. In addition, some publications may be down-loaded directly from FEMA's website fema.gov/library.

Websites

The following are important websites that provide focused access to valuable planning resources for communities interested in sustainable initiatives.

<http://fema.gov> website for the **Federal Emergency Management Agency** includes links to information, resources, and grants that communities can use in planning and implementation of sustainable measures.

<http://planning.org> website of the **American Planning Association**, a non-profit professional association that serves as a resource for planners, elected officials, and citizens concerned with planning and growth initiatives.

<http://ibhs.org> website of the **Institute for Business & Home Safety**, an initiative of the insurance industry to reduce deaths, injuries and property damage, economic losses and human suffering caused by natural disaster. Online resources provide information on natural hazards, community land use and ways you can protect your property from damage.

You can also call the information center at 617.292.2003.

<http://livablecommunities.gov> website of the **Livable Communities Initiative and the White House Task Force on Livable Communities**.

Their goal is to assist Federal agencies' efforts to help communities grow in ways that ensure a high quality of life and strong, sustainable economic growth.

<http://sustainable.doe.gov/freshstart> - website for **Operation Fresh Start** describes resources available to help individuals and communities incorporate sustainable redevelopment principles and environmental technologies into their recovery planning process.

<http://usmayors.org/uscm/sustainable/>, is the website for the **Joint Center for Sustainable Communities**, a collaborative effort between the U.S. Conference of Mayors (USCM) and the National Association of Counties (NACo). Its mission is to provide a forum for cities and counties to work together to develop long-term policies and programs that will lead to job growth, environmental stewardship, and social equity - the three pillars of sustainable communities. The Joint Center provides local elected officials technical assistance, training, sustainable development literature and materials, and funding toward collaborative planning.

A wide range of additional funding and technical assistance programs to help communities move toward sustainability can be accessed via the Internet. References for many of these programs can be found in the next section, Federal Technical Assistance and Funding. These websites are an invaluable resource for finding helpful advice, and a starting point in gathering information about sustainability.



Federal Technical Assistance and Funding

The Federal Government offers a wide range of funding and technical assistance programs to help make communities more sustainable and livable. Many of these are included in the Federal Technical Assistance and Funding Matrix listed below. Programs with potential effectiveness in

the construction or reconstruction of housing and businesses, public infrastructure (transportation, utilities, water, and sewer), and supporting overall hazard mitigation and community planning objectives are emphasized in the matrix. Some programs are disaster-specific, activated by a presidential declaration of a major disaster or emergency under the provisions of the Stafford Act. Also included are many programs or grants that are not specifically disaster related.

Grant Name	Agency	Purpose	Sustainability and Hazard Mitigation Application	Contact
Emergency Management and Hazard Mitigation				
Emergency Management Performance Grants (EMPG)	Federal Emergency Management Agency (FEMA)	To encourage the development of comprehensive emergency management, including for terrorism consequence management, at the State and local level and to improve emergency management planning, preparedness, mitigation, response, and recovery capabilities.	Funding provided to States, which can be used to educate people and protect lives and structures from natural and technological hazards.	Office of Financial Management, FEMA, 500 C Street, S.W., Washington, DC 20472 Telephone: 202.646.7057. http://www.fema.gov
Flood Mitigation Assistance Program	Federal Emergency Management Agency (FEMA)	To help States and communities plan and carry out activities designed to reduce the risk of flood damage to structures insurable under the NFIP.	The program provides planning and grants for projects that include mitigation activities that are technically feasible and cost-effective.	Director, Program Support Division, Mitigation Directorate, FEMA, 500 C Street, S.W., Washington, DC 20472. Telephone: 202.646.4621 http://www.fema.gov/mit/fluditast.htm#fluditmit
Hazard Mitigation Grant Program (HMGP)	Federal Emergency Management Agency (FEMA)	To prevent future losses of lives and property due to disasters; to implement State or local hazard mitigation plans; to enable mitigation measures to be implemented during immediate recovery from a disaster; and to provide funding for previously identified mitigation measures to benefit the disaster area.	Project grants can be funded for such activities as acquisition, relocation, elevation, and improvements to facilities and properties to withstand future disasters.	Director, Program Support Division, Mitigation Directorate, FEMA, 500 C Street, S.W., Washington, DC 20472. Telephone: 202.646.4621. http://www.fema.gov/mit/grant.htm

Grant Name	Agency	Purpose	Sustainability and Hazard Mitigation Application	Contact
Housing				
Community Development Block Grant (CDBG)	Department of Housing and Urban Development (HUD)	To develop viable urban communities by providing decent housing and a suitable living environment. Principally for low-to moderate-income individuals.	Community Development activities that meet long-term needs. These activities can include acquisition, rehabilitation, reconstruction of properties and facilities damaged by a disaster, and redevelopment of disaster affected areas.	State and Small Cities Division, Office of Block Grant Assistance, CPD, HUD, 451 7th Street, S.W., Washington, DC 20410-7000. Telephone: 202.708.3587. http://www.hud.gov/bdfy2000/summary/cpd/cdbg.html
Economic Development and Adjustment Program, Sudden and Severe Economic Dislocation (Title IX)	Department of Commerce, Economic Development Administration (EDA)	To help States and localities to develop and/or implement strategies that address adjustment problems resulting from sudden and severe economic dislocation.	Project grants can be funded in response to natural disasters including improvements and reconstruction of public facilities.	Disaster Recovery Coordinator, Economic Adjustment Division, EDA, DOC, Herbert C. Hoover Building, Washington, DC 20230. Telephone: 800.345.1222 or 202.482.6225. http://www.doc.gov/eda/html/prgtitle.htm
Disaster Housing Program	Federal Emergency Management Agency (FEMA)	To provide assistance to enable households to address disaster-related housing needs.	Program assistance may include 1) Short-term Lodging; 2) Home Repair Assistance to restore the home to a livable condition; 3) Rental Assistance; 4) Mortgage and Rental Assistance; 5) Small minimization grants to incorporate hazard mitigation in home repair.	Human Services Division, Response and Recovery Directorate, FEMA, 500 C Street, SW, Washington, DC 20472. Telephone: 202.646.3642. http://www.fema.gov/r-n-r/types.htm
Infrastructure				
Sustainable Development Assistance	Department of Energy (DOE), Community Services Team	The Team works with communities to help them define and implement sustainable development strategies as part of their comprehensive community planning efforts.	The Team provides technical assistance to disaster-affected communities as they plan for long-term recovery by introducing a wide array of environmental technologies and sustainable redevelopment planning practices.	DOE, Office of Energy Efficiency and Renewable Energy, Denver Regional Support Office, 1617 Cole Blvd, Golden, CO 80401. Telephone: 303.275.4801 http://www.sustainable.doe.gov/
Flood Control Works/Emergency Rehabilitation	Department of Defense, US Army Corps of Engineers (USACE)	To assist in the repair and restoration of public works damaged by flood, extraordinary wind, wave, or water action.	The Corps provides public works and engineering support to supplement State and local efforts toward the effective and immediate response to a natural disaster.	Program Manager PL 84-99 USACE, 20 Massachusetts Ave, N.W. Washington, DC 20314 Telephone: 202.761.0001. http://www.spd.usace.army.mil/h-qpam.html

Grant Name	Agency	Purpose	Sustainability and Hazard Mitigation Application	Contact
Infrastructure (continued)				
Public Assistance Program	Federal Emergency Management Agency (FEMA)	To provide supplemental assistance to States, local governments, and certain private nonprofit organizations to alleviate suffering and hardship resulting from major disasters or emergencies declared by the President.	These grants allow State and local units of government to respond to disasters, recover from their impact and mitigate impact from future disasters.	Infrastructure Support Division, Response and Recovery Directorate, FEMA, 500 C Street, S.W., Washington, DC 20472. Telephone: 202.646.3026. http://www.fema.gov/r-n-r/pa
Transportation: Emergency Relief Program	Department of Transportation, Federal Highway Administration (FHWA)	To provide aid for repair of Federal-aid roads.	The funds can be used to repair federal-aid roads by using new technologies that improve the quality and lifespan of the roads.	Director, Office of Engineering, FHWA, DOT, 400 7th Street, S.W., Washington, DC 20590. Telephone: 202.366.4655. http://www.fhwa.dot.gov/infrastructure/progadmin/erelief.html
Water Pollution Control	Environmental Protection Agency, Office of Water	To help establish and maintain adequate measures for prevention and control of surface water and groundwater pollution.	Protecting the quality of ground and surface water today will insure the safety of water sources for future generations.	Office of Water, EPA, Washington, DC 20460. Telephone: 202.260.6742. http://www.epa.gov/owm/finan.htm#sec106
Water and Waste Disposal Loans and Grants	Department of Agriculture, Rural Utilities Service (RUS)	To develop, replace, or repair water and waste disposal (including storm drainage) systems in rural areas and towns with a population of 10,000 or less.	Use energy-efficient pumps and incorporate mitigation measures when restoring or replacing damaged water and sewer systems.	Assistant Administrator, Water and Waste, RUS, USDA, Washington, DC 20250-3200. Telephone: 202.720.9583. http://www.usda.gov/rus/water/programs.htm
National Dam Safety Program (NDSP)	Federal Emergency Management Agency (FEMA)	To provide financial assistance incentives to States so they can strengthen their dam safety program.	Funds may be used to enhance an existing dam safety program and provide training, annual maintenance and dam inspections.	Director, National Dam Safety Program, FEMA, 500 C Street, S.W., Washington, DC 20472. Telephone: 202.646.2704. http://www.fema.gov

Grant Name	Agency	Purpose	Sustainability and Hazard Mitigation Application	Contact
Historic Preservation				
Repair and Restoration of Disaster-Damaged Historic Properties	Federal Emergency Management Agency (FEMA)	To evaluate the effects of repairs to, restoration of, or mitigating hazards to disaster-damaged historic structures working in concert with the requirements of the Stafford Act.	Preservation of historic structures is an important link to our past. By providing assistance in mitigating future damages, historic structures can be saved for future generations to enjoy.	Infrastructure Support Division, Response and Recovery Directorate, FEMA, 500 C Street, S.W., Washington, DC 20472. Telephone: 202.646.3026. http://www.fema.gov/nwz99/flldhistm.htm
Historic Preservation Fund Grants-in-Aid	Department of the Interior, National Park Service (NPS)	To provide matching grants to States to expand the National Register of Historic Places, the nation's listing of districts, sites, buildings, structures, and objects significant in American history, architecture, archaeology, engineering, and culture.	Grants-in-Aid are provided for the identification, evaluation, and protection of historic properties by such means as survey, planning, technical assistance, acquisition, development, and certain tax incentives available for historic properties.	Associate Director, Cultural Resources, NPS, DOI, Washington, DC 20240. Telephone: 202.343.9509. http://www.cr.nps.gov/helpyou.htm#grants
Land Management				
Emergency Watershed Protection	Department of Agriculture, Natural Resource Conservation Services (NRCS)	To provide emergency technical and financial assistance to install or repair structures that reduce runoff and prevent soil erosion to safeguard life and property.	In preventing substantial run-off and erosion, the program helps prevent future property loss and preserves soil resources.	Deputy Chief for Natural Resource Programs, NRCS, USDA, PO Box 2890, Washington, DC, 20013. Telephone: 202.720.3527. http://www.ftw.nrcs.usda.gov/pl566/EWP/ewp.htm
Coastal Zone Management Administration Awards	Department of Commerce, National Oceanic and Atmospheric Administration (NOAA)	To assist States in implementing and enhancing coastal zone management programs that have been approved by the Secretary of Commerce	The program aids in the protection and preservation of sensitive coastal zones and provides the added benefit of reducing development in high coastal hazard areas.	Chief, Coastal Programs Division, Office of Ocean and Coastal Resource Management, National Ocean Service, NOAA, DOC, 1305 East-West Highway, Silver Spring, MD 20910. Telephone: 301.713.3102. http://www.ocrm.nos.noaa.gov/
Coastal Wetlands Planning, Protection, and Restoration Act	Department of the Interior, US Fish and Wildlife Service (USF&WS)	To grant funds to coastal States for restoration, enhancement, and management of coastal wetlands ecosystems.	The program aids in the protection and preservation of sensitive coastal zones.	FWS, DOI 4401 N. Fairfax Drive, Suite 140 Arlington, VA 22203 Telephone: 703.358.2156. http://www.cfda.gov/public/viewprog.asp?progid=448

Grant Name	Agency	Purpose	Sustainability and Hazard Mitigation Application	Contact
Land Management (continued)				
Land and Water Conservation Fund Grants	Department of the Interior, National Park Service (NPS)	To acquire and develop outdoor recreation areas and facilities for the general public, to meet current and future needs.	Project grants may be used for a wide range of outdoor recreation projects, such as picnic areas, campgrounds, tennis courts, boat launching ramps, bicycle trails, and support facilities .	Chief, Recreation Grants Division, NPS, DOI, PO Box 37127, Washington, DC 20013-7127. Telephone: 202.565.1200 http://www.ncrc.nps.gov/lwcf/
Park and Recreation Recovery Program	Department of the Interior, National Park Service (NPS)	To provide for the rehabilitation of recreation areas and facilities, demonstration of innovative approaches to improve park system management and recreation opportunities, and development of improved recreation planning.	The program allows jurisdictions to provide recreational facilities in areas prone to natural disasters.	Chief, Recreation Grants Division, NPS, DOI, PO Box 37127, Washington, DC 20013-7127. Telephone: 202.565.1200 http://www.ncrc.nps.gov/uparr/
River Basin Program	Department of Agriculture, Natural Resource Conservation Services (NRCS)	To provide planning assistance to Federal, State, and local agencies for the development of coordinated water and related land resource programs.	Priority is given to projects designed to solve problems of upstream rural community flooding; water quality improvement that comes from agricultural nonpoint sources; wetland preservation; and drought management for agricultural and rural communities.	Deputy Chief for Natural Resource Programs, NRCS, USDA, PO Box 2890, Washington, DC, 20013. Telephone: 202.690.4575
Watershed Protection and Flood Prevention	Department of Agriculture, Natural Resource Conservation Services (NRCS)	To provide technical and financial assistance in planning and executing works of improvement to protect, develop, and use land and water resources in small watersheds.	Protecting watersheds enables future generations to enjoy those watershed land resources in the future.	Deputy Chief for Natural Resource Programs, NRCS, USDA, PO Box 2890, Washington, DC, 20013. Telephone: 202.720.4527 http://www.ftw.nrcs.usda.gov/pl566/pl566.html

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FEMA. 1993. Emergency Management Guide for Business and Industry.

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Schwab, et al. Planning for Post Disaster Recovery and Reconstruction. American Planning Association and FEMA. PAS Report No 483/484. 1998.

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A Guide to Federal Aid in Disasters, FEMA 262, June 1997.

Post-Disaster Hazard Mitigation Planning Guidance for State and Local Governments, FEMA, DAP-12, September 1990.

Federal Emergency Management Agency Regional Boundaries



Federal Emergency Management Agency Offices



- Headquarters** Federal Center Plaza, 500 C Street, SW, Washington, DC
20472, (202) 566-1600
- Region I** (Boston): 442 J.W. McCormack POCH, Boston, MA
02109-4595, (617) 223-9540
- Region II** (New York): 26 Federal Plaza, Room 1337, New York, NY
10278-0002, (212) 225-7209
- Region III** (Philadelphia): 615 Chestnut Street, One Independence Mall,
Sixth Floor, Philadelphia, PA 19106-4404, (215) 931-5500
- Region IV** (Atlanta): 3003 Chamblee-Tucker Road, Atlanta, GA 30341,
(770) 220-5200
- Region V** (Chicago): 536 South Clark Street, Sixth Floor, Chicago, IL
60605, (312) 408-5500
- Region VI** (Denton): Federal Regional Center, Room 206, 800 North
Loop 288, Denton, TX 76201-3698, (940) 898-5104
- Region VII** (Kansas City): 2323 Grand Boulevard, Suite 900,
Kansas City, MO 64108-2670, (816) 283-7061
- Region VIII** (Denver): Denver Federal Center, Bldg. 710, Box 25267,
Denver, CO 80225-0267, (303) 235-4811
- Region IX** (San Francisco): Presidio of San Francisco, Bldg. 105,
San Francisco, CA 94129-1250, (415) 923-7100
- Region X** (Bothell): Federal Regional Center, 130 228th Street, SW,
Bothell, WA 98021-9796, (425) 487-4604

Those who cannot remember the past are condemned to repeat it

George Santayana



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