

Appendix X

**Hazard & Disaster
Related Programs Available
In West Virginia**

Hazard and Disaster-Related Programs Available in West Virginia

Program	Objectives	Comments
West Virginia Conservation Agency		
PL 566 Watershed Protection and Flood Prevention	Protecting watersheds from damage caused by erosion, flood waters, and sediment; to conserve and develop land and water resources.	Partners with USDA-NRCS to develop 34 water resource plans and install 180 measures: 75% federal/25% state or local for non-structural measures.
Emergency Watershed Protection Program	Recovery from sudden impairment caused by fire, flood or other natural disaster. Safeguard lives and property.	Partners with USDA-NRCS: 75% federal/25% state or local cost (NRCS pays 100% of technical assistance)
PL-106-472, Small Watershed Rehabilitation Amendments of 2000	Provide technical and financial assistance to rehabilitate dams constructed under PL 534, PL 566 and Resource Conservation and Development programs.	Partners with USDA-NRCS: 65% federal/35% state or local cost
West Virginia Dam Safety Program		
	Provides funds to repair dam deficiencies	Selection of loan recipients typically based on results of benefits
West Virginia Department of Environmental Protection		
Abandoned Mine Lands (AML)	Restores and rehabilitates abandoned mine areas.	AML could reduce the possibility of dam failure related flooding in specific areas by eliminating abandoned coal mine waste impoundments.

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Program	Objectives	Comments
West Virginia Department of Health and Human Services		
Provides a variety of assistance programs including financial assistance, food counseling, medical assistance and rehabilitation of homes		
West Virginia Department of Homeland Security and Emergency Management		
Multiple programs	Provides state-level emergency response for large scale disasters affecting West Virginia	Authorized as the lead state agency responsible for management and administration of disaster relief in West Virginia
West Virginia Department of Transportation - Division of Highways		
Bridge Construction and Repairs	Provide and maintain a highway transportation system designed to have minimal negative impact on storm water runoff and other floodplain issues.	
Highway Construction and Repairs		



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Program	Objectives	Comments
West Virginia Division of Forestry		
Stewardship Program	Provides technical assistance for forest resource management planning to protect and improve the timber, wildlife, soils, water, recreation and aesthetic values of forests.	Cost share assistance available
Forest Fire Suppression Program	Control all forest fires and limit acres burned in order to protect forest floor and habitat so as to reduce erosion, runoff, and protect the resource.	Southern West Virginia continues to be the highest occurrence area in the state involving 90 percent of the total acres burned.
Forest Legacy Program	Protect forest land from development through conservation easements between the state and the landowner.	Voluntary program.
Urban Forestry Program	Work with municipalities to increase greenspace for beautification, stormwater runoff, and air quality through tree planting projects.	Grant program available for cost-share assistance
Logging Sediment Control Act Program	Regulates the logging industry to reduce erosion and sedimentation into waters of the state.	Site inspections conducted randomly and through complaints.
Clements State Tree Nursery	Produces seedlings that can be utilized for reforestation, erosion control, wildlife and riparian buffers.	More than thirty different species at various prices and packages.



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West Virginia Division of Natural Resources Public Lands Corporation		
Right of Entry Permit	Provide legal real estate entry to the streambed for any construction activity by obtaining a state authorized real estate right of entry permit.	A state-wide permit required for any streambed disturbance on a stream that: a. Flows at least six months per year, or; b. Is named on a USGS Topographic map, or; c. Is named on WV Division of Highways county road map, or; d. Has been locally recognized and named.
West Virginia Office of Emergency Services		
Integrated Flood Observing and Warning System (IFLOWS)	Provides real time data on precipitation.	Coverage has been expanded to almost all of West Virginia. Data is provided to county warning points and to the National Weather Service.
West Virginia State Emergency Response Commission Program		
	Grants to assist local communities in administering the Emergency Planning and Right-to-Know Act	Eligibility requirements outlined in grant application



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Federal Emergency Management Agency		
National Flood Insurance Program	Provides assistance to communities in managing floodplain areas.	Provides education about developing special flood hazard areas to minimize risk to new and existing structures.
Hazard Mitigation Grant Programs	Relocates residents out of the floodway/ floodplain	Assists in buying residences in the floodway and relocating residents
	Provides grants to state and local governments to implement hazard mitigation measures after a major disaster declaration	Funds can also be used to support the development of local All Hazard Mitigation Plans
Flood Mitigation Assistance Program	Reduce repetitive flood claims	Develop a community rating system
Pre-disaster Mitigation Competitive Grant Program	Funds hazards mitigation planning prior to an event	Funds are awarded on a competitive basis
Emergency Management Performance Grants	Supports development of state and local emergency management capacities	Historically used to support annual budget of WVDHSEM
Disaster Preparedness Improvement Grant	Funds support maintenance of state and local government plans, facilities and training, including updating of disaster preparedness plans and activities	Targeted to state and local units of government
State and Local Assistance	Funds support maintenance of state and local plans and facilities	Targeted to state and local emergency services organizations
Superfund Program	Supports planning, mitigation and recovery activities	Primarily targeted to emergencies associated with hazardous chemicals



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Disaster Housing and Home Repair Program	Provides temporary housing and home repair assistance	Requires a Presidential Declaration to initiate
Individual Family Grant Program	Grants for disaster-related expenses that cannot be met by other available disaster assistance programs	Federal and state cost share at 75% federal and 25% state
Public Assistance Program	Eligible funding activities include preliminary damage assessment, immediate needs funding	Federal share may be up to 50% of cost
Community Disaster Loans	Disaster-related expenses during the year of occurrence	Assistance can be provided for 3 years after disaster
FEMA Forest Fire Suppression Program	Assistance related to management and suppression of forest fires	Must meet eligibility requirements
FEMA Emergency Management Grants and Community Emergency Response Teams	Funds development and maintenance of state and local emergency management capabilities	Can also support efforts of local response teams
FEMA Increased Cost of Compliance Program	Provides funding to structures suffering more than 50% damage an additional \$30,000 to raise the structure or complete other mitigation	This program is funded by insurance premiums
Federal Highway Administration		
Federal Highway Administration		
Emergency Relief Program	Funds repair and reconstruction of federal aid highways	



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National Weather Service		
StormReady	Provides communities with the skills and education to survive severe weather.	A voluntary program offered statewide. Very few communities have taken advantage of this program.
National Weather Service / NOAA Public Forecasts	Provides forecasts and warnings of hazardous weather	No application requirements
US Army Corps of Engineers		
Continuing Authority Program (CAP) - Section 205 - Small Flood Control Projects	Flood control	Nationwide program. Must be related to flood damages. Cost sharing: 65% federal / 35% state or local match for structural or non-structural projects.
General Investigations Program (GI Program)	Flood control, navigation, environmental restoration, hydropower, recreation or water supply.	Nationwide program. Must be related to flood damages. Cost sharing: 65% federal / 35% state or local match for structural or non-structural projects.



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Section 22 - Planning Assistance to States	Planning studies only for flood control, water quality, water supply, floodplain management, environmental restoration, navigation, water conservation, etc.	Nationwide program. No event necessary. Cost sharing: 50% federal / 50% state or local match (100% of state or local match may be in-kind services).
Continuing Authorities Program - Section 206 Aquatic Ecosystem Restoration	Restoration of aquatic ecosystems to enhance the productivity and diversity of aquatic habitats including wetlands.	Nationwide program Non-federal sponsor initiated Cost sharing: 65% federal / 35% non-federal match.
Watershed Management, Restoration and Development	Planning and design only to restore water quality, control and remediate toxic sediments, restore degraded streams for flood control, erosion, sedimentation, protection and restoration of wetlands, non-structural measures for flood damage reduction.	Basin specific by legislative inclusion. (currently includes Cabin Creek Watershed). No event necessary Cost sharing: 50% federal / 50% state or local match.
USDA Farm Service Agency		
Emergency Conservation Program	Provides financial assistance to restore land, ponds, springs, fences and other agricultural developments impacted by disasters.	Cost sharing: 64% federal / 36% state or local match.



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Emergency Loan Program	Financial assistance to farmers who suffered eligible physical or production losses.	Loans (at 3.75%) available to assist in disaster recovery.
Disaster Assistance Program	Focused on rehabilitation of eligible farmlands damaged by natural disaster	Authorizes USDA's Farm Service Agency to provide emergency loans; various additional USDA natural resources, food and nutrition, and crop disaster programs available
Drought Assistance	Provides assessment of drought damage and implements federal relief efforts	Requires a Presidential Declaration to initiate
Other Programs	Provide emergency assistance	Provide feed, technical assistance and information on an emergency basis.
USDA - Natural Resources Conservation Service		
PL 566 Watershed Protection and Flood Prevention	Protecting watersheds from damage caused by erosion, flood waters, and sediment, as well as to conserve and develop land and water resources.	<p>Statewide NRCS has helped develop 34 water resource plans and installed 180 measures.</p> <p>NRCS pays 100% of technical assistance.</p> <p>100% federal funded for structural measures.</p> <p>Cost sharing: 75% federal/25% state or local match for non-structural.</p>



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PL-106-472, Small Watershed Rehabilitation Amendments of 2000	Provide technical and financial assistance to rehabilitate dams constructed under PL-534, PL-566 and Resource Conservation and Development programs.	Cost sharing: 65% federal/35% state or local match.
USDA - Other Programs		
Emergency Watershed Protection	Provides technical assistance to plan and construct needed measures	Sponsoring organization must be not-for-profit entity
Watershed Protection Loans	Loans to meet local project sponsors cost-share requirements	Sponsoring organizations must no be for-profit entities
Rural Development Housing Repair Loans and Grants	Loans and grants to enable low and very low income rural homeowners to remove health and safety hazards from their homes	Must meet eligibility requirements



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US Department of Commerce		
US Department of Commerce Fire Accident Analysis	Studies of previous uncontrolled fires to determine causes and ways of avoiding future serious fires	State or local officials can request assistance
US Department of Energy		
US Department of Energy Radiological Emergency Assistance	Assistance responding to incidents concerning radiological materials	Assistance provided to individuals, local and state governments as requested
US Department of Energy - Disaster Caused Power Outages	Implements emergency related functions caused by recognized disasters	Governed by the adopted Federal Response Plan
US Department of Health and Human Services		
USDHHS Contaminated Food and Drug Emergency Services	Technical assistance and personnel to assist in protecting public from unsafe food and drugs	Provided on an "as requested" basis
US Department of Homeland Security		
Grant Programs	Provides financial assistance to states to prepare for terrorist attacks using WMD's	



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US Department of Housing and Urban Development		
Comprehensive Planning Assistance	Grants to strengthen planning and decision-making, including activities related to disaster mitigation and recovery planning	Funding available to state, regional and local agencies
Housing Grants and Mortgage Insurance	Community Development Block Grants may be used for emergency response activities	State and local governments may apply
US Department of Transportation		
Hazardous Materials Emergency Preparedness Grant Program	Supports local government planning efforts and first responders' HAZMAT training	Planning and training grants
US Geological Survey		
National Streamflow Information Program	Fund gauges nationwide	This program would fund 56 stream gauges in West Virginia. This program has not been funded as of December 2001.
West Virginia River Gauge Program	Establishes flows at selected points on WV streams.	A network of 107 stream gauges in WV



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Program	Objectives	Comments
Crest-State Gauging Network	Provides data for improving flood-estimating equations for drainages smaller than 100 square miles.	Equations now in use were based on developed watershed drainages larger than 100 square miles.
Reservoir Management System	Real-time data on the level of water behind dams owned by partners of West Virginia Conservation Agency.	Under development.
US Small Business Administration		
US Small Business Administration		
Emergency Loans	Provides home disaster, business physical disaster and economic injury disaster loans	Must meet SBA eligibility requirements to qualify
Sources: <i>West Virginia Regional Flood Protection Plan, 2002</i> <i>West Virginia State All-Hazards Mitigation Plan, updated September 2007</i>		

