

APPENDIX E: Mitigation Programs

This appendix provides a summary of available federal, state, and local programs that relate to mitigation planning and may provide possible sources of funding or technical support for mitigation initiatives.

E.1 Federal Programs

Program/Activity	Type of Assistance/Program Description	Agency
Aquatic Ecosystem Restoration	Direct support for carrying out aquatic ecosystem restoration projects that will improve the quality of the environment.	DOD-USACE Chief of Planning @ appropriate USACE Regional Office
Assistance to Firefighters Grant Program	The grant program contains the Assistance to Firefighters Grants (AFG), Fire Prevention & Safety (FP &S), and Staffing for Adequate Fire and Emergency Response (SAFER).	FEMA
Beneficial Uses of Dredged Materials	Direct assistance for projects that protect, restore, and create aquatic and ecologically related habitats, including wetlands, in connection with dredging an authorized Federal navigation project.	DOD-USACE Same as above
Bridges Replacement and Rehabilitation	Funding for eligible bridges on any public road that require replacement or rehabilitation.	US DOT Federal Highway Administration FHWA
Center for Integration of Natural Disaster Information	Technical Assistance: Develops and evaluates technology for information integration and dissemination	Department of Interior (DOI) –US Geological Survey (USGS), The Center for Integration of Natural Hazards Research

Program/Activity	Type of Assistance/Program Description	Agency
Clean Water Act Section 319 Grants	Grants to States to implement non-point source programs, including support for non-structural watershed resource restoration activities.	EPA Office of Water Chief, Non-Point Source Control Branch
Clean Water State Revolving Funds	Loans at actual or below-market interest rates to help build, repair, relocate, or replace wastewater treatment plants.	EPA EPA Office of Water State Revolving Fund Branch Chief A list of Regional Offices is available upon request
Coastal Zone Management Program	Grants for planning and implementation of non-structural coastal flood and hurricane hazard mitigation projects and coastal wetlands restoration.	Department of Commerce DOC National Oceanic and Atmospheric Administration (NOAA) National Ocean Service Office of Ocean and Coastal Resource Management Chief, Coastal Programs Division

Program/Activity	Type of Assistance/Program Description	Agency
Community Development Block Grant (CDBG) State Administered Program	Grants to States to develop viable communities (e.g., housing, a suitable living environment, expanded economic opportunities) in non-entitled areas, for low- and moderate-income persons.	US Department of Housing and Urban Development (HUD) State CDBG Program Manager Or State and Small Cities Division, Office of Block Grant Assistance, HUD Headquarters
Community Development Block Grant – Disaster Recovery (CDBG-DR)	Grants to fund recovery in cities, counties, and States after a Presidentially declared disaster.	HUD
Community Development Block Grant Entitlement Communities Program	Grants to entitled cities and urban counties to develop viable communities (e.g., decent housing, a suitable living environment, expanded economic opportunities), principally for low- and moderate-income persons.	HUD City and county applicants should call the Community Planning and Development staff of their appropriate HUD field office. As an alternative, they may call the Entitlement Communities Division, Office of Block Grant Assistance, HUD Headquarters

Program/Activity	Type of Assistance/Program Description	Agency
Community Rating System	Voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. CRS not only assist communities in reducing flood risks, but also enhances public safety, reduces damages to property and public infrastructure, avoids economic disruption and losses, reduces human suffering, and protects the environment. Technical assistance on designing and implementing some activities is available at no charge. Participating in the CRS provides an incentive to maintaining and improving a community's floodplain management program over the years. Implementing some CRS activities can help projects qualify for certain other Federal assistance programs.	FEMA
Conservation Contracts	Debt reduction for delinquent and non-delinquent borrowers in exchange for conservation contracts placed on environmentally sensitive real property that secures FSA loans.	USDA-FSA Farm Loan Programs FSA National Office or local FSA office
Decision, Risk, and Management Science Program	Funding for research and related educational activities on risk, perception, communication, and management (primarily technological hazards)	NSF – Directorate for Social, Behavioral and Economic Science, Division of Social Behavioral and Economic Research, Decision, Risk, and Management Science Program (DRMS)

Program/Activity	Type of Assistance/Program Description	Agency
Disaster Mitigation Planning and Technical Assistance	Technical and planning assistance grants for capacity building and mitigation project activities focusing on creating disaster resistant jobs and workplaces.	Department of Commerce (DOC), Economic Development Administration (EDA) EDA's Disaster Recovery Coordinator
Division of Homeland Security Financial Assistance	Supports a wide variety of funding and financial assistance programs that support preparedness, resilience, and post-disaster relief.	US Department of Homeland Security
Emergency Management / Mitigation Training	Training in disaster mitigation, preparedness, planning.	FEMA
Emergency Management Institute	Training education programs to prepare emergency management professionals to prepare for, respond to, and recovery from disasters and emergencies.	FEMA
Emergency Watershed Protection Program	Provides technical and financial assistance for relief from imminent hazards in small watersheds, and to reduce vulnerability of life and property in small watershed areas damaged by severe natural hazard events.	USDA – NRCS National Office – Watersheds and Wetlands Division
Environmental Quality Incentives Program (EQIP)	Voluntary conservation program for farmers that provides technical , educational, and limited financial assistance to encourage environmental enhancement.	USDA-NRCS NRCS County Offices Or NRCS EQUIP Program Manager

Program/Activity	Type of Assistance/Program Description	Agency
Farm Ownership Loans	Direct loans, guaranteed / insured loans, and technical assistance to farmers so that they may develop, construct, improve, or repair farm homes, farms, and service buildings, and to make other necessary improvements.	USDA-FSA Director, Farm Programs Loan Making Division, FSA
Federal Land Transfer / Federal Land to Parks Program	Identifies, assesses, and transfers available Federal real property for acquisition for State and local parks and recreation, such as open space.	DOI-NPS General Services Administration Offices Or Federal Lands to Parks Leader NPS National Office
Fire Prevention and Safety Grant Program	Grants to support projects that enhance the safety of the public and firefighters from fire and related hazards. The primary goal is to target high-risk populations and reduce injury and prevent death.	US Fire Administration
Flood Mitigation Assistance	Grants to States and communities for pre-disaster mitigation to help reduce or eliminate the long-term risk of flood damage to structures insurable under the National Flood Insurance Program.	FEMA
Floodplain Management Services	Technical and planning assistance at the local, regional, or national level needed to support effective floodplain management.	DOD-USACE
Hazard Mitigation Grant Program	Grants to States and communities for implementing long-term hazard mitigation measures following a major disaster declaration.	FEMA

Program/Activity	Type of Assistance/Program Description	Agency
HOME Investments Partnerships Program	Grants to States, local government and consortia for permanent and transitional housing (including support for property acquisition and rehabilitation) for low-income persons.	HUD Community Planning and Development, Grant Programs, Office of Affordable Housing, HOME Investment Partnership Programs
Indian Housing Assistance (Housing Improvement Program)	Project grants and technical assistance to substantially eliminate sub-standard Indian housing.	Department of Interior (DOI)-Bureau of Indian Affairs (BIA) Division of Housing Assistance, Office of Tribal Services
Land Acquisition	Acquires or purchases easements on high-quality lands and waters for inclusion into the National Wildlife Refuge System.	DOI-FWS Division of Realty, National Coordinator
Conservation Technical Assistance (CTA) Program	Technical assistance for run-off retardation and soil erosion prevention to reduce hazards to life and property.	USDA-NRCS Applicants should contact the National NRCS office
Mapping Standards Support	Expertise in mapping and digital data standards to support the National Flood Insurance Program.	DOI-USGS USGS – National Mapping Division
National Dam Safety Program	Technical assistance , training, and grants to help improve State dam safety programs.	FEMA

Program/Activity	Type of Assistance/Program Description	Agency
National Digital Orthophoto Program	Develops topographic quadrangles for use in mapping of flood and other hazards.	DOI-USGS USGS – National Mapping Division
National Earthquake Hazard Reduction Program (NEHRP) in Earth Sciences	Research into basic and applied earth and building sciences.	NSF – Directorate for Geosciences, Division of Earth Sciences:
National Earthquake Hazards Reduction Program	Training, planning and technical assistance under grants to States or local jurisdictions.	FEMA; DOI-USGS USGS Earthquake Program Coordinator
National Earthquake Hazards Reduction Program	Seismic mapping for U.S.	DOI-USGS USGS Earthquake Program Coordinator
National Flood Insurance Program	Formula grants to States to assist communities to comply with NFIP floodplain management requirements (Community Assistance Program).	FEMA
National Flood Insurance Program: Flood Mapping	Flood insurance rate maps and flood plain management maps for all NFIP communities;	FEMA
National Flood Insurance Program: Technical Mapping Advisory Council	Technical guidance and advice to coordinate FEMA's map modernization efforts for the National Flood Insurance Program.	DOI-USGS USGS – National Mapping Division

Multi-Jurisdictional Hazard Mitigation Plan

Saratoga County, New York

July 18, 2019

Program/Activity	Type of Assistance/Program Description	Agency
National Training and Education (NTE)	Educational and training programs through the National Training and Education (NTE) online Course Catalog, which provides searchable, integrated information on courses provided or managed by FEMA's Center for Domestic Preparedness (CDP), Emergency Management Institute (EMI), and National Training and Education Division (NTED).	FEMA
Non-Structural Alternatives to Structural Rehabilitation of Damaged Flood Control Works	Direct planning and construction grants for non- structural alternatives to the structural rehabilitation of flood control works damaged in floods or coastal storms. \$9 million FY99	DOD-USACE Emergency Management contact in respective USACE field office
North American Wetland Conservation Fund	Cost-share grants to stimulate public/private partnerships for the protection, restoration and management of wetland habitats.	DOI-FWS North American Waterfowl and Wetlands Office: (703) 358-1784
Office of Disaster Assistance	Provides financial assistance through low interest disaster loans to businesses of all sizes, private non-profit organizations, homeowners, and renters to repair or replace real estate, personal property, machinery & equipment, inventory and business assets that have been damaged or destroyed in a declared disaster.	Small Business Administration (SBA)
Partners for Fish and Wildlife	Financial and technical assistance to private landowners interested in pursuing restoration projects affecting wetlands and riparian habitats	Department of Interior (DOI), Fish and Wildlife Service (FWS) National Coordinator, Ecological Services

Program/Activity	Type of Assistance/Program Description	Agency
Partners for Fish and Wildlife	Financial and technical assistance to private landowners interested in pursuing restoration projects affecting wetlands and riparian habitats.	Department of Interior (DOI) – Fish and Wildlife Service (FWS) National Coordinator, Ecological Services A list of State and Regional contacts is available from the National Coordinator upon request.
Physical Disaster Loans and Economic Injury Disaster Loans	Disaster loans to non-farm, private sector owners of disaster damaged property for uninsured losses. Loans can be increased by up to 20 percent for mitigation purposes.	Small Business Administration (SBA) National Headquarters Associate Administrator for Disaster Assistance
Planning Assistance to States	Technical and planning assistance for the preparation of comprehensive plans for the development, utilization, and conservation of water and related land resources.	Department of Defense (DOD) US Army Corps of Engineers (USACE) Contact the Floodplain Management Staff in the Appropriate USACE Regional Office

Program/Activity	Type of Assistance/Program Description	Agency
Post-Disaster Economic Recovery Grants and Assistance	Grant funding to assist with the long-term economic recovery of communities, industries, and firms adversely impacted by disasters.	Department of Commerce (DOC) – Economic Development Administration (EDA) EDA Headquarters Disaster Recovery Coordinator
Preparedness (Non-Disaster) Grants	Provides financial assistance through Non-Disaster Grants to state and local governments with preparedness program. Program funding is meant to enhance the capacity of state and local emergency responders to prevent, respond to, and recover from a weapons of mass destruction terrorism incident involving chemical, biological, radiological, nuclear, and explosive devices and cyber-attacks.	FEMA
Project Impact: Building Disaster Resistant Communities	Funding and technical assistance to communities and States to implement a sustained pre-disaster mitigation program.	FEMA
Project Modifications for Improvement of the Environment	Provides for ecosystem restoration by modifying structures and/or operations or water resources projects constructed by the USACE or restoring areas where a USACE project contributed to the degradation of an area.	DOD-USACE Chief of Planning @ appropriate USACE Regional Office
Protection of Essential Highways, Highway Bridge Approaches, and Public Works	Technical assistance to ensure bank protection of highways, highway bridges, essential public works, churches, hospitals, schools, and other nonprofit public services endangered by flood-caused erosion.	Army Corps of Engineers-Catalogue of Federal Domestic Assistance

Program/Activity	Type of Assistance/Program Description	Agency
Public Assistance Program (Infrastructure)	<p>Grants to States and communities to repair damaged infrastructure and public facilities and help restore government or government-related services.</p> <p>Mitigation funding is available for work related to damaged components of the eligible building or structure.</p>	FEMA
Public Housing Capital Fund	Funding to public housing agencies for modernization needs resulting from natural disasters (including elevation, flood proofing, and retrofit).	HUD Director, Office of Capital Improvements
Repetitive Flood Claims Program (RFC)	The Repetitive Flood Claims (RFC) grant program provides funds to assist States and communities reduce flood damages to insured properties that have had one or more claims to the National Flood Insurance Program (NFIP).	FEMA
Rural Development Assistance – Housing	Grants, loans, and technical assistance in addressing rehabilitation, health and safety needs in primarily low-income rural areas. Declaration of major disaster necessary.	USDA-Rural Housing Service (RHS) Community Programs: Single Family Housing Multi-Family Housing
Rural Development Assistance -- Utilities	Direct and guaranteed rural economic loans and business enterprise grants to address utility issues and development needs.	USDA-Rural Utilities Service (RUS) Program Support Northern Regional Division Electric Staff Division Power Supply Division

Program/Activity	Type of Assistance/Program Description	Agency
Section 108 Loan Guarantee Program	Loan guarantees to public entities for community and economic development (including mitigation measures).	HUD Community Planning and Development staff at appropriate HUD field office, or the Section 108 Office in HUD Headquarters
Section 502 Loan and Guaranteed Loan Program	Provides loans, loan guarantees, and technical assistance to very low and low-income applicants to purchase, build, or rehabilitate a home in a rural area.	USDA-RHS Contact the Local RHS Field Office, or the Director, Single Family Housing Guaranteed Loan Division, RHS: (202) 720-1452
Section 504 Loans for Housing	Repair loans, grants and technical assistance to very low-income senior homeowners living in rural areas to repair their homes and remove health and safety hazards.	US Department of Agriculture (USDA) – Rural Housing Service (RHS) Contact local RHS Field Office, or RHS Headquarters, Director, Single Family Housing Direct Loan Division
Severe Repetitive Loss Program (SRL)	The Severe Repetitive Loss (SRL) grant program provides funding to reduce or eliminate the long-term risk of flood damage to severe repetitive loss (SRL) structures insured under the National Flood Insurance Program (NFIP).	FEMA

Program/Activity	Type of Assistance/Program Description	Agency
Societal Dimensions of Engineering, Science, and Technology Program	Funding for research and related educational activities on topics such as ethics, values, and the assessment, communication, management and perception of risk	NSF – Directorate for Social, Behavioral and Economic Science, Division of Social and Economic Research, Societal Dimensions of Engineering, Science and Technology Program:
Soil Survey	Maintains soil surveys of counties or other areas to assist with farming, conservation, mitigation or related purposes.	USDA-NRCS NRCS – Deputy Chief for Soil Science and Resource Assessment
Stream gauging and Flood Monitoring Network	Operation of a network of over 7,000 stream gauging stations that provide data on the flood characteristics of rivers.	DOE-USGS Chief, Office of Surface Water, USGS
Surface Transportation Program	Funding for activity including safety construction and transportation enhancements. Transportation enhancements encompass a broad range of safety education, environmental and historically related activities.	US DOT Federal Highway Administration FHWA
Transfers of Inventory Farm Properties to Federal and State Agencies for Conservation Purposes	Transfers title of certain inventory farm properties owned by FSA to Federal and State agencies for conservation purposes (including the restoration of wetlands and floodplain areas to reduce future flood potential)	US Department of Agriculture (USDA) – Farm Service Agency (FSA) Farm Loan Programs National Office

Program/Activity	Type of Assistance/Program Description	Agency
USDA Conservation Programs	Programs include: Conservation Reserve Program, Conservation Reserve Enhancement Program, Emergency Conservation Program, Emergency Forest Restoration Program, Farmable Wetlands Program, Grassland Reserve Program, Source Water Protection Program. These programs work to address a large number of farming and ranching related conservation issues including: drinking water protection, reducing soil erosion, wildlife habitat preservation, preservation and restoration of forests and wetlands, aiding farmers whose farms are damaged by natural disasters.	USDA
Volcano Hazards Program	Technical assistance through volcano hazard warnings and operation of four volcano observatories to monitor and assess volcano hazard risk.	DOI-USGS Volcanic Hazards Program Coordinator
Water and Waste Disposal Direct Loans and Grants	Financial assistance through grant programs to develop water and waste disposal systems in rural areas and towns with a population not in excess of 10,000.	USDA
Watershed Protection and Flood Prevention Program	Technical and financial assistance for installing works of improvement to protect, develop, and utilize land or water resources in small watersheds under 250,000 acres.	USDA-NRCS Director, Watersheds and Wetlands Division
Watershed Surveys and Planning	Provides technical assistance and funding for local and state governments to protect watersheds, and conduct surveys and planning studies for appraising water and related resources, and service formulating alternative plans for conservation use and development.	(USDA) - National Resources Conservation (NRCS) Watersheds and Wetlands Division

Program/Activity	Type of Assistance/Program Description	Agency
Watershed Surveys and Planning	Surveys and planning studies for appraising water and related resources and formulating alternative plans for conservation use and development. Grants and advisory/counseling services to assist w/ planning and implementation improvement.	US Department of Agriculture (USDA) – National Resources Conservation Service (NRCS) Watersheds and Wetlands Division Deputy Chief for Programs
Wetlands Protection – Development Grants	Grants to support the development and enhancement of State and tribal wetlands protection programs.	US Environmental Protection Agency (EPA) EPA Wetlands Hotline EPA Headquarters, Office of Water Chief, Wetlands Strategies and State Programs
Wetlands Reserve Program	Financial and technical assistance to protect and restore wetlands through easements and restoration agreements.	USDA-NRCS National Policy Coordinator NRCS Watersheds and Wetlands Division

E.2 State Programs

Program/Activity	Type of Assistance/Program Description	Agency
Emergency Management Performance Grant Program (EMPG)	Program that provides grant funding to support the building, sustainment, and delivery of core capabilities essential to achieving the National Preparedness Goal (the Goal) of a secure and resilient Nation. The building, sustainment, and delivery of these core capabilities require the combined effort of the whole community, rather than the exclusive effort of any single organization or level of government. The EMPG Program supports efforts to build and sustain core capabilities across the Prevention, Protection, Mitigation, Response, and Recovery mission areas based on allowable costs.	NYS DHSES
Hazardous Materials Emergency Preparedness (HMEP) Grant Program	Grant funding available to help facilitate preparedness in transporting hazardous materials. The program recognizes Local Emergency Planning Committees (LEPCs) as applicants to maximize funding impact in regional partnerships.	NYS DHSES / USDOT
New York State DEC/EFC Wastewater Infrastructure Engineering Planning Grant	Grant program for municipalities to help pay for initial planning of water quality projects eligible for the Clean Water State Revolving Fund.	NYS DEC

Program/Activity	Type of Assistance/Program Description	Agency
NYS Fire Prevention and Control - Recruitment and Retention Grant Program	Grant program to support the recruitment and retention of volunteer firefighters and emergency services personnel by promoting the development of, or supporting existing, regional recruitment and retention efforts. The program's primary objectives are to support organizational leadership development through education and training and to develop and implement recruitment and retention programs and materials.	NYS DHSES

E.3 Local Programs

Municipalities throughout Saratoga County have local budgets and municipal bond programs that are available to fund local and county-wide mitigation projects.