

**Delaware River Basin Flood Mitigation Task Force
Preliminary Action Plan
Recommendation Overview**

Recommendation	Responsible Organization
Reservoir Operations	
#1 R-1 Develop a Flood Analysis Modeling Tool	USGS, NOAA-NWS, DRBC, Contractor to be determined
#2 R-2 Develop an Interoperable Reservoir Operating Plan	DRBC, Decree Parties, Corps of Engineers, New York City, Hydro-Power Companies, PADNRC
#3 R-3 Evaluate Discharge Mitigation Programs for Reservoirs	City of New York, Corps of Engineers, Hydro-Power Companies, PADNRC, DRBC, Decree Parties
#4 R-4 Evaluate Snowpack Based Storage Management	City of New York, Corps of Engineers, Hydro-Power Companies, PADNRC, DRBC, Decree Parties
#5 R-5 Publish Information on the Basin's Existing Major Impoundments	Dam owners, DRBC, Corps of Engineers, NOAA, USGS
#6 R-6 Evaluate Availability and Accuracy of Data	National Weather Service, U.S. Geological Survey, Reservoir Owners, DRBC
Structural and Non-Structural Measures	
#7 S-1 Fund a Comprehensive Flood Mitigation Study of the Entire Delaware River Basin	U.S. Army Corp of Engineers
#8 S-2 Prioritize the Completion of State and Local Hazard Mitigation Plans	DRBC, State DEP's, State EMO's, county and municipal governments
#9 S-3 Ensure Financial Assistance for State, County and Municipal Flood Mitigation Projects	DRBC, State DEP's, State EMO's, county and municipal governments
#10 S-4 Provide Training and Funding for Local Officials to Maximize Use of Available Funding	DRBC, State DEP's, State EMO's, county and municipal governments
#11 S-5 Create Partnering Programs for Floodplain Acquisition	FEMA, DRBC, State DEP's, State EMO's, NYC, county and municipal governments
#12 S-6 Establish Funding Priority Areas for Acquisition, Elevation, and Floodproofing	DRBC, State DEP's, State EMO's, county and municipal governments
#13 S-7 Maintenance of Flood Control Structures, excluding dams	State DEP's, State EMO's, county and municipal governments, DRBC
#14 S-8 Dam Safety Programs	Dam Owners, State Dam Safety Agencies, FERC, State and Federal Legislature
#15 S-9 Evaluate and Coordinate Flood Mitigation Plans and Strategies	DRBC
Stormwater	
#16 SM-1 Develop Regional and Tributary-Based Watershed Stormwater Management Plans	States, DRBC, Counties, Municipalities, Stormwater Authorities
#17 SM-2 Long-term Management of Stormwater Best Management Practices (BMPs) and Infrastructure	State legislature, State Environmental Agencies, Counties, Municipalities
#18 SM-3 Non-Structural Stormwater Management for New and Redevelopment	States, local and county ordinances, State permits, Stormwater Authority, DRBC
#19 SM-4 Enforcement of Existing Stormwater Standards and Regulations	States, Municipalities; Delegated Entities (counties, conservation districts)
#20 SM-5 Provide and Promote Incentives to Reduce Stormwater Runoff from Existing Development	Federal, State, Local, Stormwater Authority
#21 SM-6 Develop and Maintain Precipitation and Streamflow Data	DRBC, USGS, NWS/NOAA, States
#22 SM-7 Stream Restoration and Debris Removal Guidelines	States, DRBC, FWS, Park Services, Delaware Riverkeeper Network, NYCDEP, watershed groups, local officials
#23 SM-8 Stormwater Management through Special Protection Waters Designation	DRBC
Floodplain Mapping	
#24 FM-1 Coordinated Flood Study and Mapping Updates	NJDEP, PADEP, PADCED, NYSDEC, FEMA, USGS
#25 FM-2 Incorporate Existing and Future Planned Development and Residual Risk Zones into New Mapping	NJDEP, PADEP, PADCED, PA Consortium, NYSDEC, FEMA
#26 FM-3 Redefine and Remap the Floodway Along the Delaware River Main Stem and its Tributaries	NJDEP, PADEP, PADCED, PA Consortium, NYSDEC, FEMA
Floodplain Regulations	
#27 FR-1 Catalog, Evaluate and Update Existing Floodplain Regulations in the Basin	Basin states, State NFIP coordinators, FEMA, DRBC, counties, municipalities, watershed groups, local officials
#28 FR-2 Develop a Coordinated Education, Outreach and Training Program	FEMA, DCA, PADEP, NJDEP, NYDEC, DRBC, ASFPM, NJAFM, NYSFSMA, DRN
#29 FR-3 Repetitive Loss Reduction Strategy for the Basin	Region II, FEMA Region III, DRBC, PEMA, NJOEM, SEMO
#30 FR-4 Flood Hazard Disclosure Requirements	State Insurance Regulators
#31 FR-5 Standardized Riparian Corridors	FEMA, DRBC, NFIP State coordinators, PADEP, NJDEP, NYSDEC, municipalities, watershed groups
Flood Warning	
#32 FW-1 Inventory and Evaluate Precipitation Observing Stations in the Basin	DRBC, NWS, USGS, NYCDEP
#33 FW-2 Evaluate River Gage Network	NWS, DRBC, USGS
#34 FW-3 Extend Rating Tables	USGS, NWS
#35 FW-4 Flood Harden Gages at Key Forecast Locations	USGS
#36 FW-5 Improve Flash Flood Forecasting	NWS, DRBC, USGS
#37 FW-6 Develop an Implementation Plan for the NWS Site Specific Model	NWS, DRBC
#38 FW-7 Evaluate River Forecast Points	NWS, DRBC, USGS
#39 FW-8 Provide River Forecasts with Confidence Level Information	NWS
#40 FW-9 Develop Flood Forecast Inundation Maps	NWS, USGS, DRBC, COE, FEMA
#41 FW-10 Maintain Up-to-Date High Hazard Dam Emergency Action Plan (EAP) Documents	DRBC, Basin States, FERC
#42 FW-11 Establish a Coordinated Flood Warning Education and Outreach Program	NWS, DRBC, USGS, USACE
#43 FW-12 Develop a Flood Coordination Mechanism	NWS, DRBC, USACE, USGS, Basin States
#44 FW-13 Coastal Flooding Impacts	DRBC, NOAA, USGS, USACE, DE, NJ, MACOORA