



USACE Flood and Storm Damage Reduction – Helping to Manage the Risk to American Lives and Property from Floods

The U.S. Army Corps of Engineers (USACE) Flood and Storm Damage Reduction Program (Program) is a collaborative effort that integrates and synchronizes the flood and storm damage reduction projects, programs, and authorities of USACE with those of other Federal agencies, and State, regional, and local agencies. Through structural and non-structural measures, this USACE Program helps to reduce the risk of loss of life and property damage from riverine and coastal flooding, and increase the resilience of local communities.

Funding

The President's Budget for Fiscal Year 2017 (FY17) provides \$4.62 billion in gross discretionary funding for USACE, which includes \$1.2 billion for the Flood and Storm Damage Reduction Program. The Budget funding will enable USACE to study, construct, operate, maintain, repair its projects, and to continue to improve the Civil Works approach to flood and storm damage reduction. The Program uses risk management principles to identify and prioritize investments for construction, rehabilitation, and maintenance activities.

The Budget includes \$404 million for continuing construction on 16 projects, including the funding to complete two of these projects (Topeka, KS and American River Watershed (Folsom Dam Modification), CA). Within this funding, the Budget allocates \$239 million for 7 high-risk Dam Safety Action Classification I and II projects. The Budget also includes \$8.7 million to continue 17 feasibility studies and one PED, funding 3 feasibility studies and 1 PED to completion. The budget provides \$596 million for operation and maintenance of 396 projects, and provides an additional \$169 million to operate and maintain flood damage reduction projects funded in the Mississippi River & Tributaries (MR&T) account. Also included in the Budget is \$36 million for the levee safety program. This funding will enable USACE to complete periodic screening-level risk assessments of additional federally-authorized and constructed levees, including levees that USACE operates and maintains, federally-constructed levees that are locally-maintained and operated, and non-Federal levees covered in the Rehabilitation and Inspection Program; and to complete levee data collection for the National Levee Database.

USACE's FY17 Budget includes \$30 million in the Flood Control and Coastal Emergencies account to prepare for floods, hurricanes and other natural disasters. The Budget also includes \$26 million to provide communities with tools, data, and technical and planning assistance to reduce their flood risks, including non-structural approaches, and to support sustainable and resilient coastal management in light of climate change. This investment also builds on successful programs such as the Silver Jackets, a critical link in helping the Corps partner with Federal, State, local, and Tribal communities to encourage a better understanding of and more comprehensive approach to addressing flood risks.

Program Objectives

- Operate and maintain Federal projects, with emphasis on reducing the risk to human safety
- Identify, plan and design high-priority flood risk management projects, including looking at a variety of strategies (e.g., structural, non-structural, natural, and nature-based features) to reduce riverine and coastal flood hazards
- Bring high performing projects and programs on line to achieve benefits
- Improve intergovernmental coordination to effectively and efficiently manage flood risk
- Provide planning and technical expertise for local communities to help them appropriately identify and address increasing flood risks due to a changing climate

Over the years, the USACE role in flood and storm damage reduction (originally conceived as flood “control” or flood “prevention”) has evolved. This change reflects a greater appreciation for the complexity and dynamics of floods and flood plains – the interaction of natural forces and patterns of urban and rural development – as well as the role of Federal, State, local and individual partnerships to help manage the risks of flooding in a riverine or coastal setting. This shift in perspective also reflects USACE's commitment to these partnerships to encourage more effective flood plain and flood risk management practices at the State and local levels.



Key Messages	Facts & Figures
<ul style="list-style-type: none">• Public safety is USACE's number one priority.• The Program enables USACE to help reduce risk of loss of life and property damage in the event of floods.• Flood and storm damage reduction is a shared responsibility.• Communities will face increasing flood risks due to climate change and should consider resilient and sustainable approaches to address future flood risks.	<ul style="list-style-type: none">• USACE flood and storm damage infrastructure includes 708 dams and 14,700 miles of levees, which help reduce the risk of flood damage.• For more information about USACE's efforts, visit http://www.usace.army.mil/