

Summary of Funding Types

HMA Grants

Pre-Disaster Mitigation (PDM)	Flood Mitigation Assistance (FMA)	Hazard Mitigation Grant Program (HMGP)
Nationally competitive	Nationally competitive	Declared disaster required
Annual appropriations	Annual appropriations	Funding is based on the percentage of funds spent on PA and IA in a disaster
Plans, Projects, MC, and AA	Plans, Projects, MC, and AA *flood dependent	Plans, Projects, MC, and AA
Funding level varies per year	Funding level varies per year	Funding level varies by disaster
75/25 Cost share or 90/10 for small and impoverished	NFIP Participation Required	75/25 cost share

Risk Analysis

Cooperating Technical Partners (CTP)
Funds sent to regions and regions work with each state
Annual Appropriations
Mapping activities, project management, and outreach
Funding level varies per year
None required but can help applications- technically cooperative agreement

Public Assistance

Public Assistance (PA)
Declared Disaster or Declared Emergency Required
Based on Preliminary Disaster Assessment
Projects
Varies per disaster/emergency declaration
75/25 Cost Share



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TIMELINE

Funding Program	Funding availability	Timing
Hazard Mitigation Grant Program (HMGP)	After federally declared disaster	Dependent on disaster
Pre Disaster Mitigation (PDM)	Annual (pending appropriations)	October 1-Jan 31st
Flood Mitigation Assistance (FMA)	Annual (pending appropriations)	October 1-Jan 31st
Public Assistance (PA)	After federally declared disaster	Dependent on disaster
Cooperating Technical Partners (CTP)	Annual (pending appropriations)	Late Summer/Early Fall

Keep in mind, these are FEMA *application* dates, Grantees will have their own deadlines. These are not *Award* dates, award dates can depend on how “ready” a project is and may be impacted by Environmental and Historic Preservation (EHP) review.



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Green Infrastructure

- Aquifer Storage and Recovery (ASR)
- Floodplain and Stream Restoration (FSR)
- Flood Diversion and Storage (FDS)
- Stormwater Management & Localized Minor Flood Control Projects
- Incorporation of climate adaption, green building, or smart growth principals in Hazard Mitigation Plan



Engineering With Nature

Alternative Techniques to Riprap
Bank Stabilization



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Sea Level Rise

Ideas for Eligible Projects:

- Elevating Public Buildings
- Retrofit of Roads & Utility Systems
- Stormwater Management
- Protecting Critical Infrastructure

- Sea Level Rise is eligible in designing HMA Projects – since 2013
- Sea level rise estimation tools have been developed for various coastal areas
 - NOAA - <https://coast.noaa.gov/digitalcoast/tools/slr.html>
 - USACE - http://corpsmapu.usace.army.mil/rccinfo/slc/slcc_calc.html
- Damages posed by Sea Level Rise are also included in the Benefit Cost Analysis (BCA)
 - 10/50/100/500 year flood elevation considerations
 - Consider both Linear Projections (historic) or Accelerated Levels (predictive)



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