Green Infrastructure and Hazard Mitigation Assistance Projects

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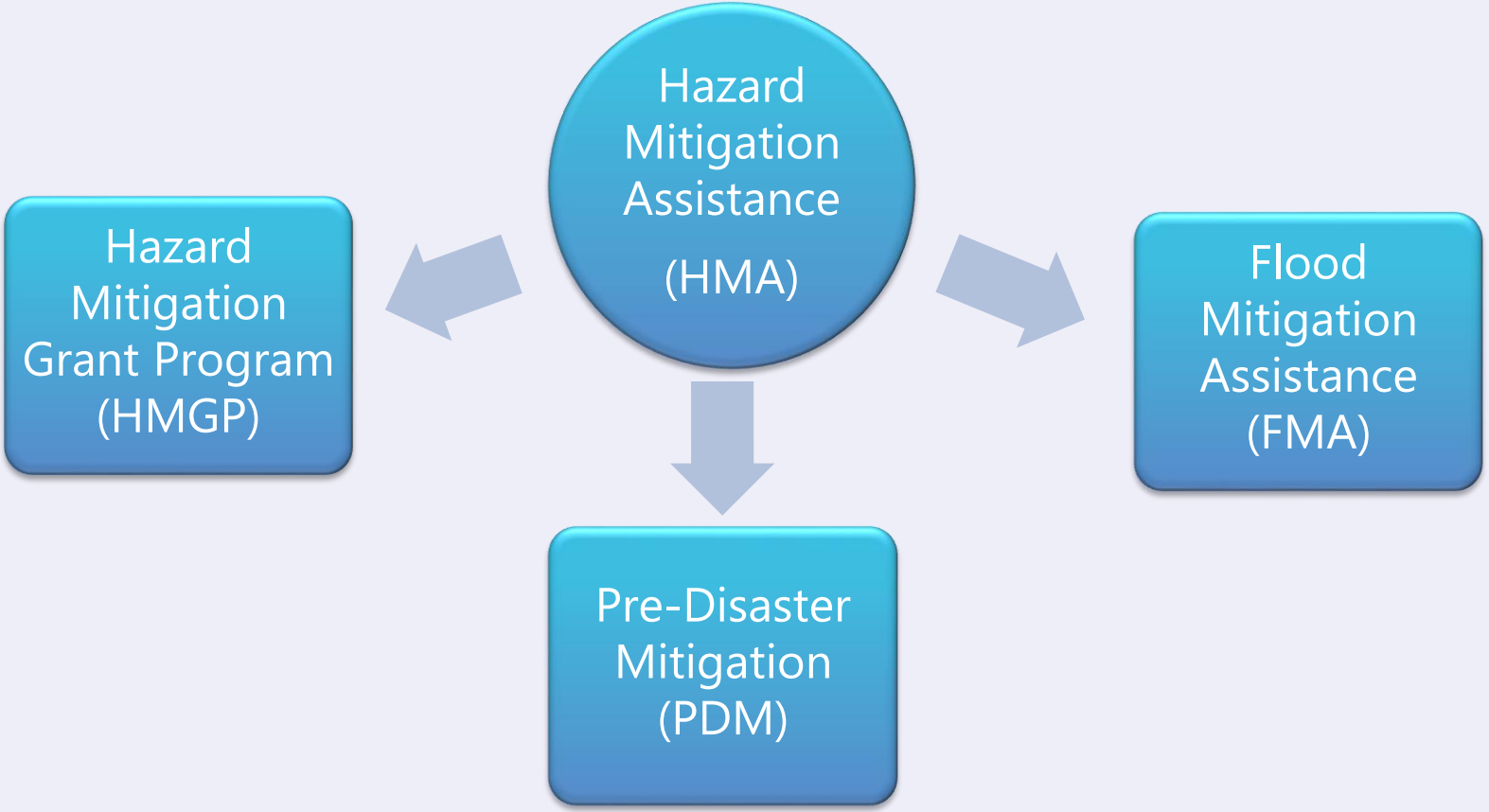
Hazard Mitigation Planner

Hazard Mitigation

Sustained actions taken to reduce or eliminate **long-term risk** to people and property from hazards and their effects.

Culture Shift

Hazard Mitigation Assistance Programs


Hazard Mitigation Assistance (HMA)
Hazard Mitigation Grant Program (HMGP)
Flood Mitigation Assistance (FMA)
Pre-Disaster Mitigation (PDM)

Eligible HMA Projects

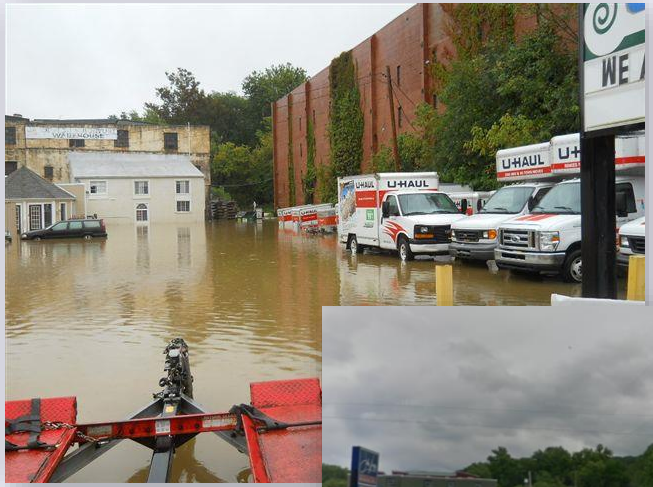
Eligible Activities	HMGP	PDM	FMA
1. Mitigation Projects	✓	✓	✓
Property Acquisition and Structure Demolition	✓	✓	✓
Property Acquisition and Structure Relocation	✓	✓	✓
Structure Elevation	✓	✓	✓
Mitigation Reconstruction	✓	✓	✓
Dry Floodproofing of Historic Residential Structures	✓	✓	✓
Dry Floodproofing of Non-residential Structures	✓	✓	✓
Generators	✓	✓	
Localized Flood Risk Reduction Projects	✓	✓	✓
Non-localized Flood Risk Reduction Projects	✓	✓	
Structural Retrofitting of Existing Buildings	✓	✓	✓
Non-structural Retrofitting of Existing Buildings and	✓	✓	✓
Safe Room Construction	✓	✓	
Wind Retrofit for One- and Two-Family Residences	✓	✓	
Infrastructure Retrofit	✓	✓	✓
Soil Stabilization	✓	✓	✓
Wildfire Mitigation	✓	✓	
Post-Disaster Code Enforcement	✓		
Advance Assistance	✓	✓	✓
5 Percent Initiative Projects	✓		
Miscellaneous/Other*	✓	✓	✓
2. Hazard Mitigation Planning	✓	✓	✓
Planning Related Activities	✓		
3. Technical Assistance			✓
4. Management Cost	✓	✓	✓

Flood Risk Reduction Projects

- Lessen the frequency or severity of flooding, and decrease predicted flood damage
- Projects can include:
  - Construction or modification of retention and detention basins
  - Construction or modification of floodwalls, dams, and weirs
  - Large-scale channelization of a waterway

Acquisition and Demolition

- Voluntary acquisition of an existing structure and the land
- Demolition of the structure
- Conversion of the land to open space
- The property must be deed-restricted in perpetuity



Soil Stabilization

- Reduce risk to structures or infrastructure from erosion and landslides
- Projects can include:
  - Installing geotextiles
  - Stabilizing sod
  - Installing vegetative buffer strips and preserving mature vegetation
  - Decreasing slope angles
  - Stabilizing with rip rap and other means of slope anchoring

Public awareness or Education campaigns

- Only Eligible under HMGP (5% Initiative)

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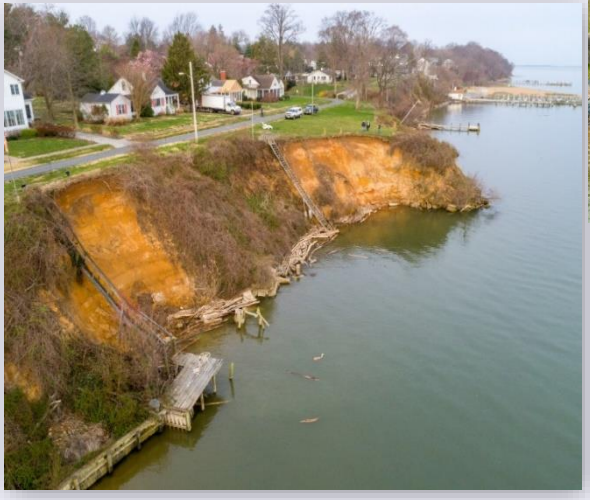
AWARENESS
CAMPAIGN

www.PublicAwarenessCampaign.com

Project Spotlight

Town of Betterton



Considerations for HMA Projects

- Meet all HMA eligibility criteria
- Demonstrate project will not have negative impacts upstream or downstream of the project.
- Must pass FEMA's Environmental and Historic Preservation (EHP) review
- EHP documents must demonstrate that proposed projects avoid or minimize harm to the environment and is the best alternative to mitigate the problem.

Resources

- FEMA Hazard Mitigation Assistance Guidance: https://www.fema.gov/media-library/assets/documents/103279
- FEMA BIOENGINEERED SHORELINE STABILIZATION Job Aid
  https://www.fema.gov/media-library-data/1532021309766-274c41b3c5ed9c1e6e2150b16166e2c0/BioengineeredShorelineStabilizationJobAid.pdf
- FEMA's Floodplain and Stream Restoration Fact Sheet
  https://www.fema.gov/media-library-data/1487161136815-ecad1c0312eda2111ffa28735a4d06ad/FSR_Fact_Sheet_Feb2017_COMPLIANT.pdf

Questions

Contact

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