



# Hazard Mitigation Grant Program Overview



**DR-1905-VA declared 4/27/2010**



# HMGP Agenda



- ❖ Objectives
- ❖ Applicant Eligibility
- ❖ Funding
- ❖ Project Eligibility
- ❖ Requirements
- ❖ Types of Projects
- ❖ State Priorities
- ❖ Application Process



# HMGP Objectives



The primary goal of mitigation is to reduce losses and suffering so that there is less demand for money and resources in the aftermath of a disaster



# Who are Eligible Subapplicants?



## ❖ Government Entities

- State Agencies
- Local Jurisdictions and some regional entities
  - Planning District Commissions

## ❖ Federally Recognized Indian Tribes

## ❖ Specific Private Non-Profit Organizations: Section 501(c), (d), (e) – Must be pre-approved by VDEM and FEMA

- Medical, custodial care, educational, emergency, and utility facilities (should work with jurisdictions)

# Financial Considerations



- ❖ FEMA funds up to 75% of the eligible costs of each project
- ❖ A 25% non-federal cost share match is required for each project
  - **There is currently a 20% state match**
  - In-kind services or individual contributions can be part of this match if properly valued and documented
- ❖ Leveraging with non-federal funding sources is encouraged

# In-Kind Contributions



## ❖ Donation of:

- Professional time
- Resources
- Services

## ❖ Homeowner financial contribution



# Minimum Eligibility Criteria



- ❖ Conforms with the State Hazard Mitigation Plan
- ❖ Conforms with environmental, historical, and economic justice issues
- ❖ Provides a long-term solution for the community
- ❖ Demonstrates cost – effectiveness (future benefits must exceed implementation costs)



# Other Criteria



- ❖ Projects must comply with FEMA program regulations, and must be consistent with state and local government's overall mitigation strategies
- ❖ FEMA makes the final determination of project eligibility
- ❖ All localities **MUST** have a FEMA approved 322 Local All-Hazard Mitigation Plan prior to HMGP funds being awarded

# State Priorities DR-1905



## ❖ Localities:

1. Declared counties, cities, and towns within DR-1905
2. Other localities across the Commonwealth with FEMA approved and adopted Hazard Mitigation Plans

# State Priorities DR-1905



## ❖ Project Priorities (88%)

- Infrastructure Retrofit
- Structural Retrofit of Existing Buildings
- Acquisition and Demolition/Relocation of Residential Structures
- Flood-proofing of Non-Residential Structures
- Other eligible Activities as Allowed
- **Minor Localized Flood Control Projects**

# Utilities Infrastructure Retrofit



## ❖ Means and methods to mitigate utilities

- Co-ops, PNPs, private utility companies should be sponsored by the locality in which the mitigation action is being done.
- Benefit is determined by how well the action prevents loss of service to customers based on historical experience and on the physical damages avoided

# Critical Infrastructure and Key Resources



- ❖ Fire Stations, Police and Sheriff Offices, EOCs, Shelters, Mass Transit facilities, 911 Centers, etc.
  - Any project to protect any resource must have documentation to validate the damages and/or loss of services you will be avoiding through the specified mitigation action.

# Structural Retrofit



- ❖ Modifications to the structural elements of a building designed to increase safety and reduce future damage.
  - Load-bearing walls, beams, columns, structural floors and roofs, and connective elements.



# Structural Mitigation Elements



- ❖ Voluntary Participation Agreement (completed by owner)
- ❖ Property Information Sheet (completed by owner)
- ❖ Hazardous Materials Survey (completed by owner)
- ❖ Elevation Certificate (if its a flood mitigation project)
- ❖ Tax Card
- ❖ Digital color pictures of each side (front, back, left, and right)

**Note – This program is 100% voluntary**

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# Structural Mitigation Elements



## ❖ Must conform with :

- Environmental Justice – no adverse impact on minority or low income citizens
- Natural Heritage – no adverse impact on threatened or endangered species or unique natural habitats
- Cultural Heritage – no adverse impact on historical or cultural resources
- Local, state, and federal procurement regulations

# Flood Mitigation Options



## ❖ Property Acquisition Process

- Community determines fair market value (by appraisal or tax card)
- Community buys the private/public property, acquires the title, then clears the land
- The Community may then use the land for things such as public parks or wildlife refuges
- By law (recorded on the deed) the property must remain open space and must be maintained as such in perpetuity

# Flood Mitigation Options



## ❖ Property Acquisition Process

**BEFORE**



A hazard-prone lakeside property

**AFTER**



Enhanced natural and beneficial uses of floodplains.

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# Flood Mitigation Options



## ❖ Property Acquisition Process

- Support of Community
- Voluntary participation of Owner
- Relocation Assistance for Tenants
- Clear Title of property
- Land Clearance and Open Space



# Flood Mitigation Options



## ❖ Structural Relocation Process



With this option, the owner purchases property outside of the special flood hazard area and the grant purchases the parcel of land. The structure is moved to the new location with grant funds and is made operational. The parcel of land is turned into open space.

# Flood Mitigation Options



## ❖ Property Elevation Process

- Secure engineer designs for properties
- Develop Contract between community, owner, and contractor
- Secure contractor for elevation work
- Grade property

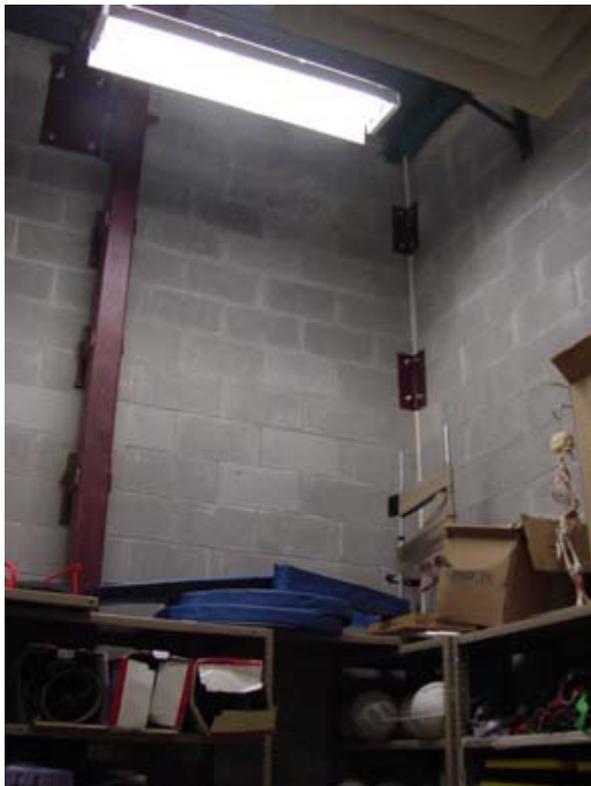


**Flood insurance coverage on the property must be maintained for the life of the property regardless of transfer of ownership (deed restriction)**

# Mitigation Options



## ❖ Retrofitting and Flood-proofing of Residential and Non-Residential Structures:



Back Flow Valves

Window Film

Window Shutters

Hurricane  
Strapping

Waterproofing Tar

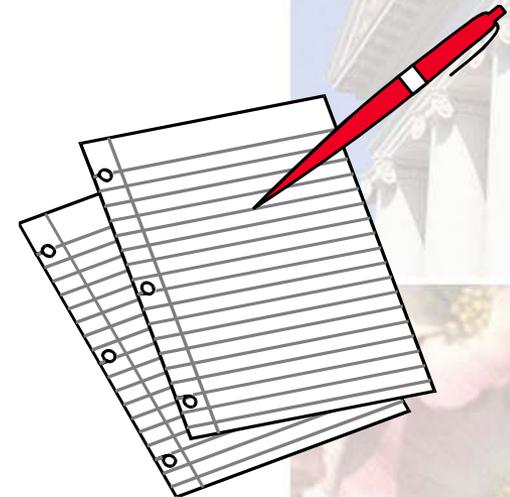
Elevating Utilities



# Application Process



- ❖ HMGP Applicant's Briefing
- ❖ Submit Pre-Application
  - Pre-application can be found at <http://www.vaemergency.com/recover/mitigation/index.cfm>
- ❖ Submit Application and Supporting Documentation
- ❖ State Review (Multi-Agency)
- ❖ FEMA Review



# HMGP Application



❖ In order to complete the HMGP Application you must have the following documentation:

- All damage history for retrofitting or floodproofing projects
- Elevation certificate, tax card, pictures for any public/private property acquisition, elevation, or relocation
- Pictures
- Maps - FIRM, USGS Topo, Community

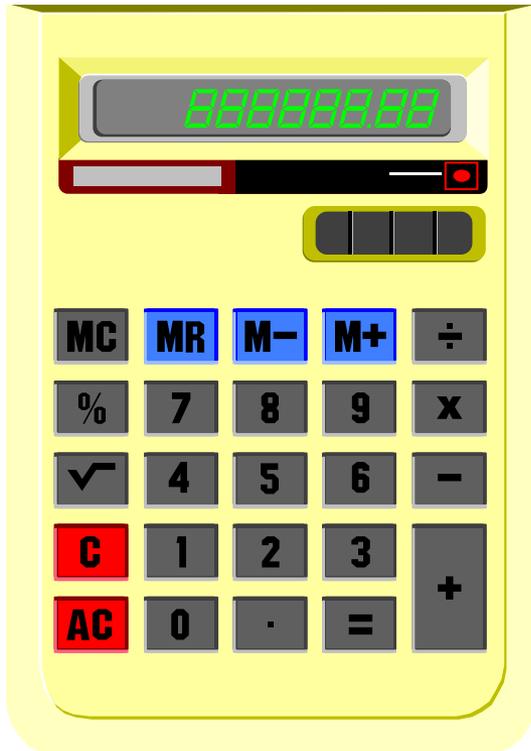
# Project Costs



- ❖ Actual mitigation activity
- ❖ Legal and administrative fees
- ❖ Clean-up and disposal fees
- ❖ Site conservation requirements
- ❖ Engineering fees
- ❖ Project management fees (5%)



# Cost Effectiveness

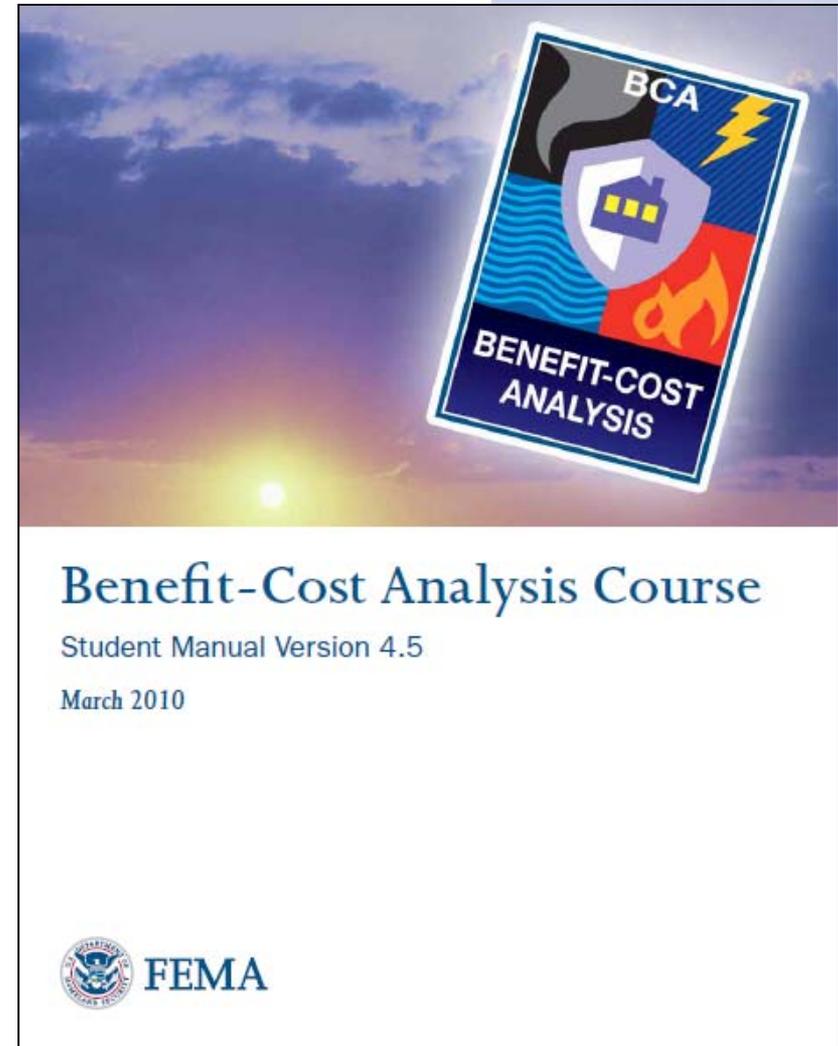


- ❖ Benefit Cost Ratio (1:1)
- ❖ Benefits: Costs saved in future events – local, state, and federal
- ❖ Costs: Actual costs of project, including maintenance costs
- ❖ Determined by risk or historic record of damages

# Benefit Cost Analysis



- ❖ What is a Benefit?
  - Avoided Physical Damages
  - Avoided Loss of Function Impacts
  - Avoided Casualties
  - Avoided Emergency Management Costs



# Benefit Cost Analysis



## ❖ Data Requirements

- Date and frequency of event
- Documented structural damages
- Traffic counts, detours, public safety, and down time
- Utility customers served, and down time
- Emergency service impacts, time delays



# DR-1905 HMGP Funds



- ❖ 15% of Public Assistance Funds
- ❖ Final lock-in is \$8,287,500
- ❖ 5% non-federal match requirement



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# DR-1905 Timetable



## Current Timetable

- ❖ Submit Pre-Application to VDEM **ASAP**
- ❖ Notice of Eligibility from VDEM **ASAP**

## Estimated Extended Timetable

- ❖ Applications Due to VDEM **5/31/2011**
- ❖ Applications Submitted to FEMA **7/26/2011**
- ❖ FEMA Approval/Denial **?????**

# Other HMA Grants



- ❖ Pre-Disaster Mitigation (PDM)
- ❖ Flood Mitigation Assistance (FMA)
- ❖ Repetitive Flood Claims (RFC)
- ❖ Severe Repetitive Loss (SRL)



# Contact Information



## ❖ Southside

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