

# Hazard Mitigation Programs Administered by DCR and MEMA

Richard Zingarelli  
State Hazard Mitigation Officer

dcr



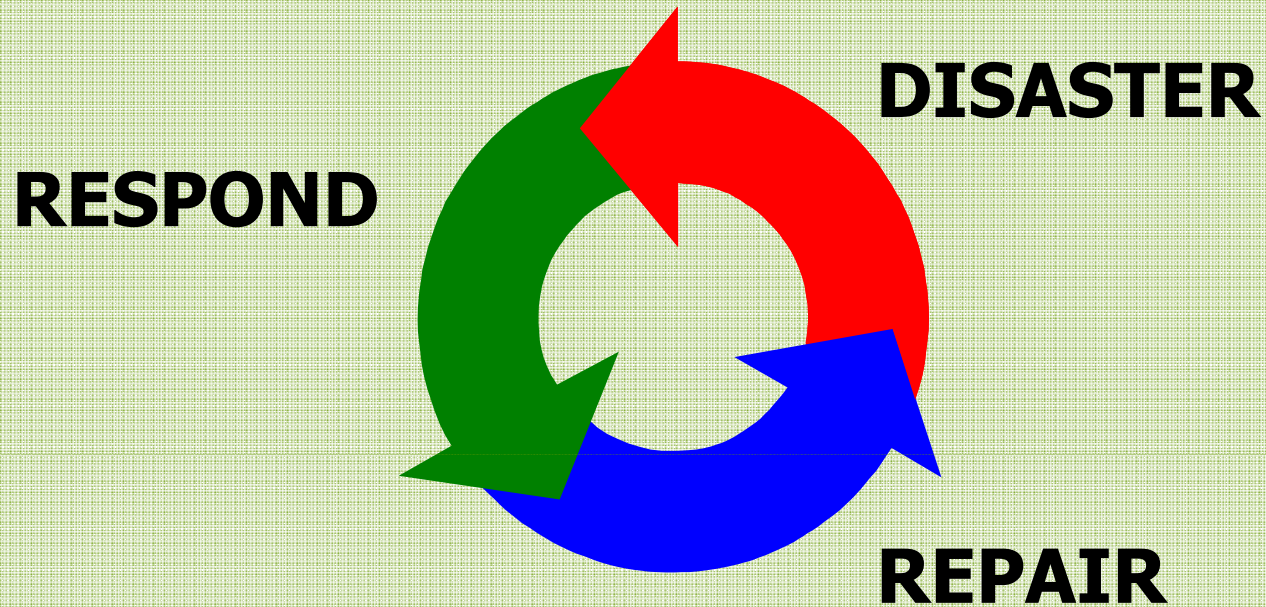
MASSACHUSETTS DEPARTMENT OF  
CONSERVATION AND RECREATION

# What is Hazard Mitigation?

“Any sustained action taken to reduce or eliminate long-term risk to people and property from hazards and their effects.”



# Breaking the Cycle!



Hazard mitigation results in long-term, cost-effective, and environmentally-sound reduction of hazard vulnerability.



# Team Concept



- Massachusetts Department of Conservation & Recreation

- Engineering Expertise
- Technical Assistance
- Resource Management

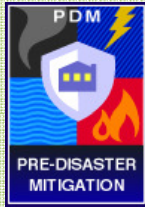
- Massachusetts Emergency Management Agency

- Administrative Capability
- Financial Management
- Local Community Contacts w/ Emergency Managers

# Grant Programs for Hazard Mitigation Activities



- Hazard Mitigation Grant Program (HMGP) – event, statewide



- Pre-Disaster Mitigation Program (PDM) – annual, national



- Flood Mitigation Assistance (FMA) Program – annual, state allocation



- Severe Repetitive Loss (SRL) Program – annual, state allocation

# ALL Mitigation Grant Programs Eligible Applicants

- State governments
- Local governments
- Tribal governments
- Certain non-profit organizations
- Applicant must have approved multi-hazard mitigation plan

# ALL Mitigation Grant Programs Project Eligibility Requirements

- Prevent future damages in cost-effective manner
- Consistent with state mitigation plan
- Comply with all laws and regulations
- Implementable in timely manner

*All grants 75%/25% cost-share (except SRL)*

# Mitigation Grant Programs

## Types of Eligible Projects

Projects must result in protection of property from natural hazards. Examples include but are not limited to:

- Acquisition or relocation of structures (with conversion to open space)
- Elevation/retrofit of structures/utilities
- Drainage improvements (e.g., culverts)
- Stormwater management
- Slope stabilization
- Backflow prevention

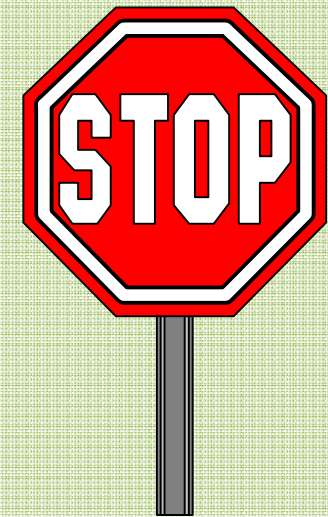




# Mitigation Grant Programs

## Types of Ineligible Projects

- Completed projects or projects that are in-progress;
- Major flood control projects such as construction or repair of dikes, levees, seawalls, dams, etc.;
- Designs, feasibility studies, or drainage studies not integral to proposed project;
- Generators not integral to larger project;
- Warning or alert notification systems;
- Response or communication equipment;
- Phased or partial projects;
- Flood studies or flood mapping;
- Maintenance and/or repair projects;



# Hazard Mitigation Planning

- State hazard mitigation plan is a prerequisite for availability of disaster or mitigation funds from FEMA
- Current state plan approved October 12, 2010; updated on 3-year cycle
- Local plans required for availability of hazard mitigation grants; typically prepared by Regional Planning Agencies on behalf of communities
- Grants are available for state and local planning





# Hazard Mitigation Grant Program

- Funding available following Presidential disaster declaration
- Funding based on percentage of disaster assistance for that event [15% of total assistance]
- Current application cycle from January 2011 winter storm (DR-1959); may include funding from recent tornado event (DR-1994) as well
- HMGP application dates are coincident with dates for annual non-disaster grants whenever possible



# HMGP Application and Review Process

1. State notifies potential sub-applicants of grant availability (**sent June 2011**)

8. State works w/ Locals to develop/execute contract package.

2. Sub-applicants submit projects to State (**due November 4, 2011**)

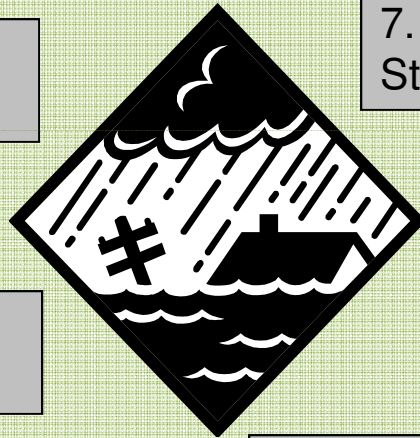
7. FEMA regional office works with State to obligate funds

3. State team reviews applications and ranks them

6. FEMA regional office reviews applications for eligibility and conducts environmental reviews

4. State Interagency committee provides recommendations to MEMA Director and DCR Commissioner

5. MEMA Director and DCR Commissioner provide list of recommended projects and wait-list to FEMA Regional office for review and approval



dcr



MASSACHUSETTS DEPARTMENT OF  
CONSERVATION AND RECREATION

# State Mitigation Interagency Committee Members



- State Agencies



– DCR, MEMA, CZM, DEP, BBRS, DHCD, MHC, MWRA, MA DOT, etc.



- Federal Agencies

– FEMA, NWS, NRCS, USACE, USGS, etc.

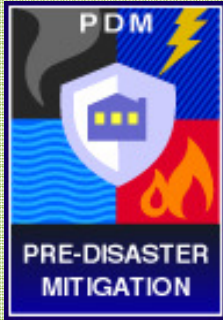


- Others



– Regional Planning Agencies, Red Cross, NESEC, NEDRIX, Westin Observatory, etc.





# P r e -Disaster Mitigation (PDM) Grant Program

- Annual nationally competitive grant program
- Applications submitted to state electronically for review and forwarding to FEMA
- State reviews and ranks applications
- Project selection made by FEMA HQ assisted by national review panel
- Generally \$50-100 million available nationwide; may be state "set aside" of up to \$500,000

dcr



MASSACHUSETTS DEPARTMENT OF  
CONSERVATION AND RECREATION



# Flood Mitigation Assistance Program

- Available on annual basis from allocation (approximately \$400,000 to Massachusetts)
- Reduce damage to NFIP insured properties with priority on protecting repetitive loss properties
- Applications submitted to state electronically for review, ranking, and forwarding to FEMA
- Project selection made by FEMA assisted by national review panel



# Flood Mitigation Assistance Program Types of Eligible Projects

- Acquisition/relocation/demolition of insured flood-prone structures
- Elevation/retrofitting of insured floodprone structures
- Minor physical flood mitigation projects





# Severe Repetitive Loss Program

- Available to NFIP insured properties with high repetitive flood insurance claims (only 133 properties in Massachusetts are eligible)
- Enhanced cost share (90% Federal) provided
- Program rarely utilized due to extensive consultation process and requirement that insurance premiums increase if not carried through to completion
- Application/selection process same as FMA

# For More Information

Richard Zingarelli

State Hazard Mitigation Officer

Department of Conservation & Recreation

251 Causeway Street, Suite 600-900

Boston, MA 02114

(617) 626-1406

[Richard.Zingarelli@state.ma.us](mailto:Richard.Zingarelli@state.ma.us)