



Mitigation Grant Development for Rural Communities

**Alaska Division of Homeland Security &
Emergency Management**





Instructor Introductions

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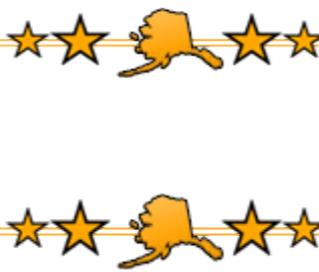


Housekeeping



- Emergency exit
- Restrooms
- Cell phone use
- Participant experience
- Classroom participation

Agenda



- What is mitigation?
- Mitigation opportunities
- FEMA/State Hazard Mitigation Assistance (HMA) grants
- Eligibility requirements for planning and projects
- How to apply for planning and project applications
- Key components to completing quality mitigation project applications

What is Mitigation?

- Hazard mitigation is any sustained action taken to reduce or eliminate the long-term risk to people and property from future natural hazard disasters and their effects.
- These HMA programs present a critical opportunity to reduce the risk to individuals and property from natural hazards while simultaneously reducing the reliance on Federal and State disaster funds.
- Hazard mitigation is the only phase of emergency management specifically dedicated to break the cycle of damage, reconstruction and repeated damage.



Mitigation Opportunities



- During Recovery
- Pre and Post-Disaster



Mitigation during Recovery



- After a federally-declared disaster, hazard mitigation may be included as part of the FEMA Public Assistance (PA) Program Project Worksheet (PW)- 406 Hazard Mitigation
- Mitigation may be applied to a damaged facility based on the eligibility criteria (FEMA 322 Public Assistance Guide, Page A-38-40).
- These mitigation opportunities are generally identified and addressed during the PA Applicant Briefing, Kickoff Meeting and PW development stage.



HMA Grant Life Cycle



- Planning
- Project Identification
- Application Development
- Application Review & Evaluation
- Grant Award
- Project Implementation
- Closeout



HMA Grant Application Process



- Forms can be found at www.ready.gov
- Upon funding announcement, submit a project Intent to Apply to DHS&EM
- DHS&EM will review for eligibility and provide feedback to applicant
- If eligible, applicant will submit completed project application to DHS&EM by the application deadline
- DHS&EM will review application submit for prioritization for funding
- Prioritized projects will be submitted to FEMA for approval/funding
- Obligation of funding for the FEMA/State approved and selected projects may take up to 2 years



Project Assistance



- Mitigation project development is complex and involves project scoping (design and engineering); historic and environmental analysis; budgeting; and benefit cost analysis
- Small communities with limited governmental capacity will likely need beyond the level of technical assistance available from the State
- In special circumstances, the State may provide contract technical assistance; but rural communities should look for assistance from regional non-profits or regional corporations; other local stakeholders; or funding for application development through other means.



FEMA/State HMA Programs



- For information on FEMA/State Hazard Mitigation Assistance Grants, see our handout
- Grants available
 - Hazard Mitigation Grant Program (HMGP)
 - Pre Disaster Mitigation (PDM)
 - Flood Mitigation Assistance (FMA)
- Local hazard mitigation plan requirement
- Applicant eligibility

Eligible Activities

**What types of activities or projects are eligible for funding?
Funding can be used to protect either public or private property**

- Voluntary acquisition of real property (i.e. structures and land) for open space conversion
- Relocation of public or private structures
- Elevation of existing public or private structures to avoid flooding
- Structural and non-structural retrofitting (e.g., storm shutters, hurricane clips, bracing systems) of existing public or private structures to meet/exceed applicable building codes



Eligible Activities



Infrastructure Retrofit - Utility Protective Measures: (Bury, harden, brace, elevate)

- Mechanical – elevators, generators
- Electrical - cabinets
- Plumbing – fire sprinklers
- Heating, Ventilation and Air Conditioning (HVAC)
- Gas – seismic shut-off valves
- Sanitary sewer systems and/or infrastructure - (e.g. roads and bridges)



Eligible Activities



Minor Localized Flood Reduction Projects of Existing Buildings or Facilities, Storm Water or Flood Management:

- Culverts
- Diversions
- Detention or retention basins
- Floodwalls
- Berm/levee/dikes

(certain ring levees, bank stabilization, floodwall systems that are designed specifically to protect critical facilities and that do not constitute a section of a larger flood control system)

Eligible Activities

Developing State, local or Tribal mitigation plans.

- New Plan development
- Plan upgrades
- Comprehensive Plan Revisions

Feasibility, Engineering and Design Studies – (Not eligible as stand-alone) only studies that are integral to the development and implementation of mitigation project and are included in the project application as a “line-item” part of the project.

Hydrologic and Hydraulic studies/analyses, engineering studies and drainage studies for the purpose of project design and feasibility determination directly related to the proposed project.

(Funding cannot exceed 7% of total lock-in amount for HMGP)



Application Development



Project Identification

- Define the problem
- Brainstorm potential solutions
- Establish criteria
 - Community support
 - Community resources
 - Eligibility
 - State/tribal/community criteria
 - Engineering feasibility
 - Cost-effectiveness
 - Environmental Planning and Historic Preservation (EHP) compliance
- Evaluate solutions vs. criteria
- Choose the preferred solution



Common Application Elements



- Scope of Work (SOW)
- Schedule
- Budget

Scope of Work (SOW)

The SOW narrative describes the proposed project in detail

- The goals and objectives of the proposed project
- A brief description of the need for the project
- The problems that the project will address
- The methodology that will be used to implement the project
- Who will do the work
- Why the project should be done
- What type of work will be completed
- How the work will be carried out
- Where the project will take place
- When the project will begin, and how long it will take

Decide whether the project should have a Project Manager. If so, include project management costs in the application budget.

Schedule



- Schedules identify the relationships between tasks
- The schedule and milestones depend upon project type.
- The start and end of a fiscal year may also affect a schedule.
- The projected time needed to complete the project must not exceed the grant performance period.
- Time should be allowed for:
 - Solicitation of contractor bids
 - Design, engineering and permitting
 - Construction seasons that apply to the geographical areas
 - Stage completion milestones
 - Inspections

Project Budget – Key Points

The project budget should meet the following requirements:

- Project management and pre-award costs are identified

Project budget items may include:

- Project Manager
- Contractor
- Engineering/architectural designs
- Construction costs
- Equipment
- Permits/surveys
- Site preparation/restoration

The budget cannot include:

- Hidden or contingency costs
- Post-implementation maintenance costs
- Lump sums



Project Budget – Key Points



The project budget should meet the following requirements per OMB requirements, and be broken down by budget categories:

- Personnel, Fringe Benefits, Travel, Equipment, Supplies, Contractual

Construction (Per OMB SF 424C) Construction programs budget cost classification:

- Administrative and legal expenses; Land, structures, rights-of-way, appraisals, etc.; Relocation expenses and payments; Architectural and engineering fees; Project Inspection fees; Site work; Demolition and removal; Construction; Equipment; Miscellaneous



Authority and Guidance



Authorized by §404 of the Robert T. Stafford Disaster Assistance and Emergency Relief Act (Stafford Act), 42 U.S.C. 5170c

Governing Documents:

- 44 CFR
- FEMA HMGP Policies
- FEMA HMA Unified Guidance
- OMB Circulars
- DHS&EM Administrative Plan
- DHS&EM Sub-grantee's Handbook

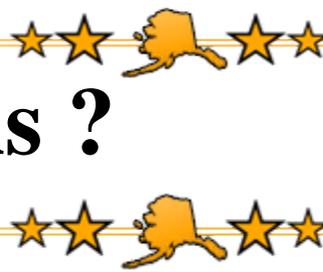
FEMA FY 2013 Hazard Mitigation Assistance (HMA) Unified Guidance

<http://www.fema.gov/media-library/assets/documents/33634?id=7851>

DHS&EM – Mitigation Section

<http://ready.alaska.gov/plans/mitigation.htm>

Questions ?



Questions?

Please remember to sign in.

Should you have any questions, please feel free to ask any of the DHS&EM Mitigation Section Staff.