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Funding Your Mitigation Projects

Casey Levy
GOHSEP

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HAZARD MITIGATION ASSISTANCE PROGRAM

D. Casey Levy

State Hazard Mitigation Officer



Hazard Mitigation Defined

Hazard Mitigation is any sustained action taken to reduce or eliminate the loss of life or property from the effects of hazards.

Authorized under Section 404 of the Stafford Act.



08/30/2005



Why Do We Need A Plan?





Why Do We Need A Plan?





Mitigation Plan Development



- ❖ What hazards present the **greatest risk** to the University and its population?

- ❖ What are the most **effective ways** to reduce those risks?





Next Steps

- ✓ Discuss with Administration
- ✓ Talk to the SHMO



















SEA FALCON

SEA WOLF

8765



FEMA Mitigation Grant Programs

Disaster Dependant

Hazard Mitigation Grant Program (HMGP)

Annual Programs

Pre - Disaster Mitigation (PDM)

Flood Mitigation Assistance (FMA)

Repetitive Flood Claims (RFC)

Severe Repetitive Loss (SRL)





Hazard Mitigation Grant Program (HMGP):

The HMGP provides funding after a Presidential Declared disaster to support the state / local hazard mitigation plans by funding hazard mitigation measures that are in line

with the respective plans.

Assists state and local governments in using safer building practices and improving existing structures and supporting infrastructure.





Funding Limits

- ✓ Provides a State with approximately 15 % of the total PA / IA and mission assignments spent by FEMA.
- ✓ May be used to fund up to 75 % of eligible mitigation measures.
- ✓ Applicants must provide the remaining 25 % cost share from non-federal sources.



Eligible Sub-Applicants (must have approved HMP)

- ✓ State-Level Agencies
- ✓ Federally Recognized Indian Tribal Governments and Alaskan Native Villages
- ✓ Local Jurisdictions
- ✓ Private Non-Profit (PNP) Organizations



Eligibility Requirements

- ✓ Applicant must have an approved / adopted LMP
- ✓ Activity should be listed in the LMP
- ✓ Activity must be voluntary
- ✓ Solves a problem independently
- ✓ Activity must not have already started or been completed
- ✓ Activity must be cost effective
- ✓ Activity must conform with E/HP regulations
- ✓ Activity **MUST** be completed



Eligible Activities (RISK REDUCTION)

- ✓ Acquisition (demolition / relocation)
- ✓ Elevation
- ✓ Structural retrofitting
- ✓ Safe rooms
- ✓ Vegetation management
- ✓ Localized flood control activities
- ✓ Storm water management
- ✓ Protective measures for utilities
- ✓ State / Local Mitigation Plans



Acquisition (Demolition / Relocation)





Acquisition (Demolition / Relocation)

- ✓ 100% Voluntary
- ✓ Covers purchase costs and demo / relo costs
- ✓ Pre-disaster / Post-disaster Fair Market Value
- ✓ Must be cost effective
- ✓ Homeowner is responsible for any mortgages, liens, etc.; **MUST** be clear title
- ✓ Public open space requirement
- ✓ Permanently reduces a community's vulnerability



Acquisition (Demolition / Relocation)

Structures: 387



Cost: \$55,274,319



Elevation





Elevation

- ✓ 100% Voluntary
- ✓ All flood prone structures are eligible
- ✓ Must be cost effective
- ✓ Raise lowest floor to BFE / ABFE / DFIRM
- ✓ Repairs and improvements are NOT eligible
- ✓ Handicapped accessible entrances are eligible
- ✓ Must be structurally sound and technically feasible
- ✓ Elevated structures must carry flood insurance "in perpetuity" / deed restricted

Lighthouse Resort



July 14 2003

Lighthouse Resort



Septemer 2 2003 24' 9"



Lighthouse Resort
January 5, 2004



Elevations





Elevations



Mitigation Assistance Program



Governor's Office of Homeland Security & Emergency Preparedness

Mitigation Assistance Program



Mitigation Assistance Program



ABRY
BROTHERS, INC.
House Raising - Shoring - Leveling
488-2671
3019 Orleans Avenue

Governor's Office of Homeland Security & Emergency Preparedness
Mitigation Assistance Program



Mitigation Assistance Program



Mitigation Assistance Program





Structures: 12,685 *Elevation* **Cost: \$738,000,000**





Drainage Projects



Increased capacity or deferred maintenance ??





Drainage Projects

- ✓ Examples: upgrade / improvement of storm sewer culverts, sanitary sewers, floodgates, tide valves, increase capacity in drainage venues, or other drainage structures
- ✓ Must independently address a drainage problem
- ✓ Must be cost effective
- ✓ Must not duplicate efforts made by other federal agencies (levees)



Storm Water Management

Projects: 74

Cost: \$72,859,000





Flood Control

Projects: 21



Cost: \$49,599,000



Retrofitting of Facilities

Structures: 317

Cost: \$55,685,000





Utilities Protection

Projects: 2



Cost: \$11,859,000



Pilot Reconstruction

Structures: 468

Cost: \$78,259,000



St. Tammany Pilot Reconstruction

Before Photo - Lake Road



St. Tammany Pilot Reconstruction

After Demolition - Lake Road



St. Tammany Pilot Reconstruction

After Photo - Lake Road



St. Tammany Pilot Reconstruction

Before & After Photos - Lake Road



St. Tammany Pilot Reconstruction

Northshore Circle



The home that was located on this site did not survive Hurricane Katrina; only the slab remained. After its removal, reconstruction was underway.





State of Louisiana Mitigation



Pre-Disaster Mitigation (PDM):

The PDM program will provide funds to states, territories, Indian tribal governments, and local communities on an annual basis for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event.

PDM grants are to be awarded on a competitive basis and without reference to state allocations, quotas, or other formula-based allocation of funds.

State of Louisiana Mitigation



Eligible Activities

- Acquisition / relocation
- Elevation
- Structural retrofitting
- Safe rooms
- H & H studies
- Vegetation management
- Localized flood control activities
- Storm water management
- Protective measures for utilities
- PNP's are NOT eligible applicants

State of Louisiana Mitigation



Flood Mitigation Assistance (FMA):

The FMA program provides funding to assist in implementing measures to reduce or eliminate the long-term risk of flood damage to structures insurable under the National Flood Insurance Program (NFIP).

FMA was created with the goal of reducing or eliminating claims under the NFIP. FMA is a pre-disaster grant program.

State of Louisiana Mitigation



Eligible Activities

- Acquisition / relocation
- Elevation
- Dry flood-proofing of non-residential structures
- Minor structural flood control activities
- Beach nourishment activities

- PNP's are NOT eligible applicants

State of Louisiana Mitigation



Repetitive Flood Claims (RFC):

Repetitive Flood Claims provides funding to reduce or eliminate the long-term risk of flood damage to structures insured under the National Flood Insurance Program (NFIP).

RFC grants are to be awarded on a nation-wide competitive basis and without reference to state allocations, quotas, or other formula-based allocation of funds.

All RFC grants are eligible for up to 100 % federal cost assistance if the community cannot meet the requirements of the Flood Mitigation Assistance (FMA) program because it cannot provide the non-federal cost share, or do not have the capacity to manage the activities.

State of Louisiana Mitigation



Eligible Activities

- Acquisition / relocation
 - Elevation
 - Dry flood-proofing of non-residential structures
 - Minor localized flood control
-
- \$10,000,000 national allocation
 - \$1,000,000 per project limit
 - FEMA will select the most cost effective properties as demonstrated through a Benefit Cost Analysis (BCA).

State of Louisiana Mitigation



Severe Repetitive Loss (SRL)

Provides funding to reduce or eliminate the long term risk of flood damage to severe repetitive loss residential structures insured under NFIP.

- a. at least 4 NFIP claims >\$5,000 each and cumulatively exceeds \$20,000; or
- b. for which two separate claim payments have been made that exceed the market value of the building
- c. at least 2 of the referenced claims must have occurred within any 10 year period

State of Louisiana Mitigation



Eligible Activities

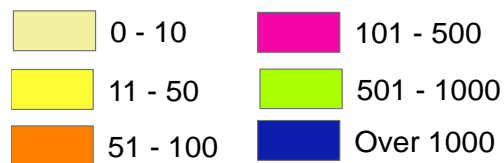
- Acquisition / relocation
- Elevation
- Reconstruction
- Minor localized flood reduction projects
- Dry flood-proofing of non-residential structures

SRL
~3,900 Homes

Legend
Validated Severe Repetitive Flood Loss Properties

0 - 10	101 - 500
11 - 50	501 - 1000
51 - 100	Over 1000

Validated Severe Repetitive Flood Loss Properties



Mitigation Assistance Program

