



West Baton Rouge Parish Hazard Mitigation Plan Update Kick-off Meeting

June 4, 2015

Parish Council Meeting Room – Port Allen, LA

Introductions

- Officials
- Mitigation Steering Committee members
- SDMI team members
- GOHSEP hazard mitigation team



SDMI Information

Stephenson Disaster Management Institute at Louisiana State University

Mission: To save the lives of people and animals by continuously improving disaster management through leadership in applied research and executive education.



The Hazard Mitigation Plan: What is in it for us?



Hazard Mitigation

- Protect public safety and prevent loss of life and injury;
- Help accomplish community objectives, such as leveraging capital improvements, infrastructure protection, open space preservation, and economic resiliency;
- Prevent damage to a community's economic, cultural and environmental assets;
- Minimize operational downtime and accelerate recovery of government and the private sector after an event;
- Meet requirements of Title 44 Code of Regulations (CFR) §201.6 for approval and eligibility to apply for FEMA Hazard Mitigation Assistance grant programs.



Hazard Mitigation Planning Process



Hazard Mitigation Plan Update Requirements

- The plan must be updated every five (5) years;
- Re-assess hazard identification and risk assessment
 - Consider any changes since the last plan update, and address events that have occurred since the last plan;
- Incorporate local planning efforts;
- Report mitigation strategy (projects) progress and discuss adjustments;
- Address any weaknesses identified in the previous plan review.

The Planning Team: A Multi-jurisdictional approach

- Each jurisdiction will have at least one representative on the planning team:
 - City of Port Allen
 - Town of Addis
 - Town of Brusly
- This representative will need to report back to their community on a regular basis, as well as gather feedback and input into the plan.
- Utilize a council resolution or memorandum of understanding (MOU) to gain official recognition for the planning team.

Federal Requirements

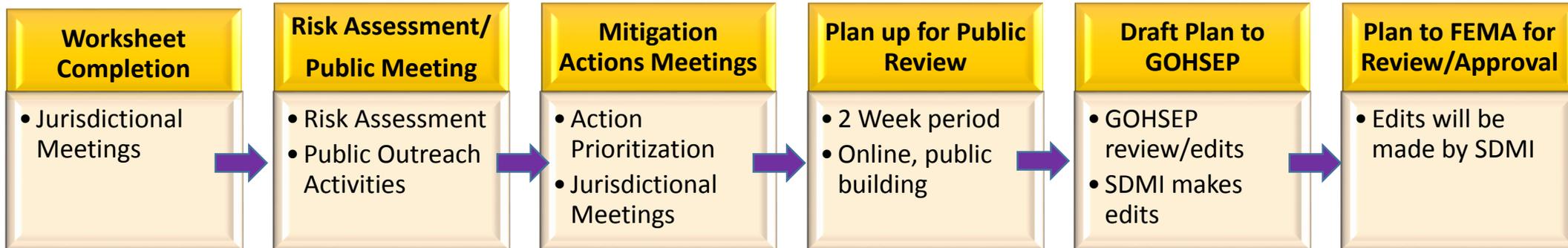
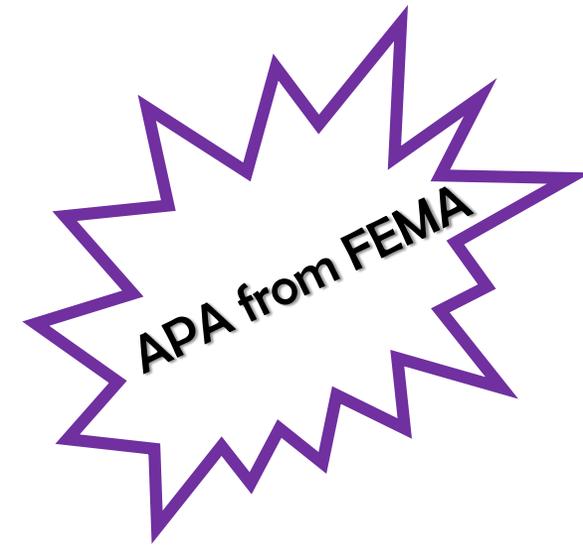
- Disaster Mitigation Act of 2000 (DMA 2000)
 - Section 322 of the Act specifically addresses mitigation planning and requires state and local governments to prepare multi-hazard migration plans as a precondition for receiving FEMA mitigation project grants.
- Title 44 Code of Federal Regulations (CFR) §201.6 for FEMA approval and eligibility to apply for FEMA Hazard Mitigation Assistance

Expectations

Jurisdictions

- Each jurisdiction **MUST** show active participation in the planning process by the following:
 - Completing state required worksheets;
 - Identifying jurisdiction specific mitigation actions (projects)
 - Have representation at all meetings;
 - Adopt the final plan.

Plan Update Timeline – Next Steps



Hazard Identification and Risk Assessment

- Based on currently profiled risks
- Any newly identified risks
- Prevalent Hazards
- Previous occurrences
- Probability of future events
- Assets Inventory
- Essential Facilities
- Hazard Impact
- Future Development
- Future Hazard Impacts
- Zoning and Land Use
- Hazard Profiles

Hazard Identification and Risk Assessment – (Previous Update)

- Drought
- Earthquakes
- Extreme heat
- Floods
- Thunderstorms
 - Hail
 - Lightning
 - High wind
- Subsidence
- Winter weather
- Tornadoes
- Wildfires

Capabilities Assessment

Primary types of capabilities for reducing long-term vulnerability through mitigation planning are:

- Planning and regulatory
- Administrative and technical
- Financial
- Educational and outreach

Mitigation Strategy

- Goals

- Minimize human, economic, and environmental disruption from natural hazards
- Protect life and property from the impacts of natural disasters
- Enhance preparedness and emergency response to natural disasters
- Enhance public awareness regarding understanding of risks associated with hazards and the need for hazard mitigation
- Improve the disaster resistance of vulnerable structures and critical facilities through the development and implementation of cost-effective, technically feasible, and environmentally sound local mitigation actions
- Promote the preservation or restoration of natural areas or natural functions of floodplain and watershed areas

- Mitigation Actions

- Will be updated and carried over from last update
- New actions will be identified

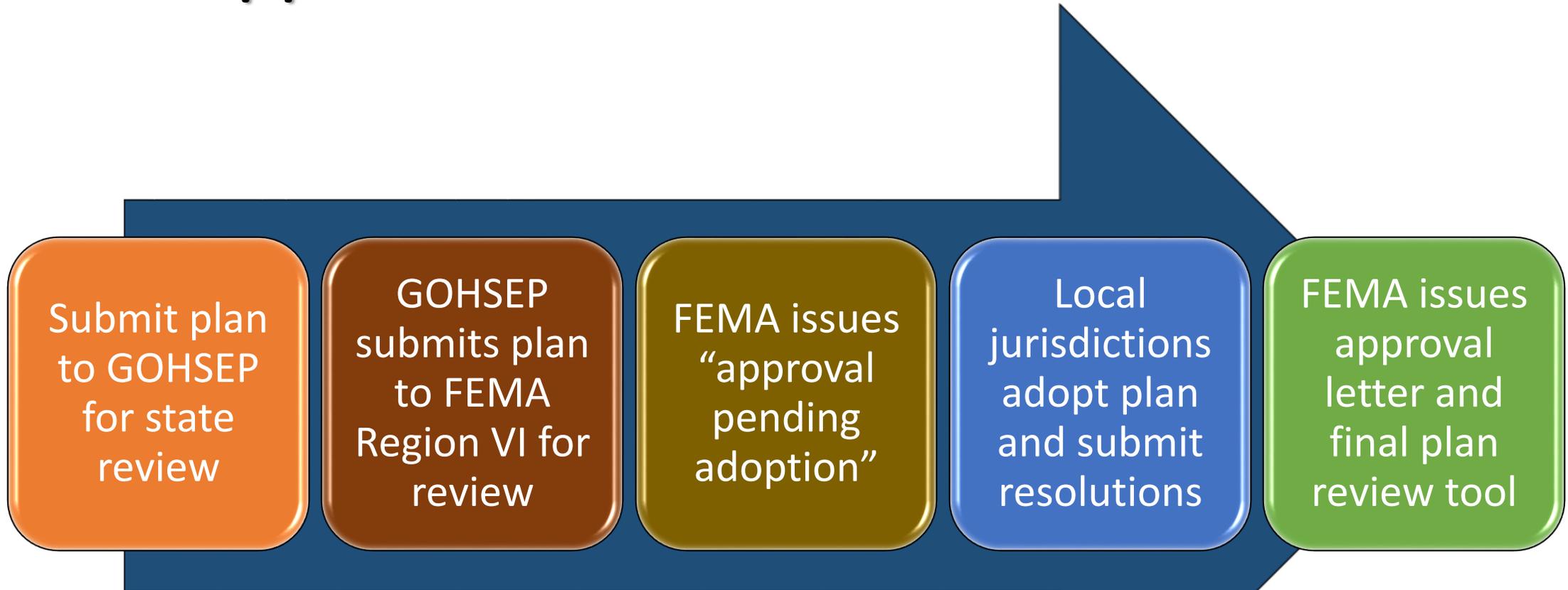
Mitigation Strategy

- Mitigation Actions
 - Current Actions Report/Update
 - New Action Identification



| Worksheet 6.2 | |
|--|--|
| Hazard Summary Worksheet | |
| Mitigation Action Implementation Worksheet | |
| Complete a mitigation action implementation worksheet for each identified mitigation action. | |
| Jurisdiction/Responsible Agency: | St Tammany Parish / Department of Engineering |
| Mitigation Action/Project Title: | Schneider Canal Hurricane Protection Project |
| Project Type: | Flood Protection |
| Project Summary: | The Schneider Canal Hurricane Protection Project area is located on the northeastern shore of Lake Pontchartrain. The proposed project includes both levee and pumping capacity improvements. |
| Potential Funding: | FEMA, USACE, and other local/state/federal funding. |
| Cost Estimate: | |
| Benefits: (Losses Avoided) | Flooding in the City of Slidell and vicinity is caused by both intense rainfall in the upper reaches of the streams and high stages in Lake Pontchartrain caused by hurricanes and other tropical events. This project will provide flood protection, therefore reducing the risk of loss. |
| Timeline: | TBD |
| Priority: | |
| Worksheet Completed by: | Department of Grants |

Plan Approval Process



The plan will be subject to revisions as it moves through the review process.

Adopt the Plan

Each jurisdiction **MUST** adopt the final plan.

- As a planning team member be aware of the policies for your jurisdiction
 - Know the process for putting this plan on the docket for adoption
 - Make sure you make the required deadlines

The Final Product

- FEMA approved Hazard Mitigation Plan
 - Meets requirements of Title 44 Code of Regulations (CFR) §201.6 for approval and eligibility to apply for FEMA Hazard Mitigation Assistance grant programs.
 - A hazard mitigation project strategy for each jurisdiction
 - A comprehensive list of jurisdiction owned properties
 - Assessment of natural disaster-related risks and vulnerabilities

Element E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

- Capability Assessment
- NFIP Worksheet
- Critical Facilities/Building Inventory
- Vulnerable Population

| Worksheet 4.1: Capability Assessment Worksheet | | | | | | | | |
|--|------------------|----------|--------------|---------|----------|--------|------|--|
| Local mitigation capabilities are existing authorities, polices and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible. | | | | | | | | |
| Planning and Regulatory | | | | | | | | |
| Please indicate which of the following plans and regulatory capabilities your jurisdiction has in place. | | | | | | | | |
| | Calcasieu Parish | DeQuincy | Lake Charles | Sulphur | Westlake | Vinton | Iowa | |
| Plans | Yes / No | | | | | | | |
| Comprehensive / Master Plan | | | | | | | | |
| Capital Improvements Plan | | | | | | | | |
| Economic Development Plan | | | | | | | | |
| Local Emergency Operations Plan | | | | | | | | |
| Continuity of Operations Plan | | | | | | | | |
| Transportation Plan | | | | | | | | |
| Stormwater Management Plan | | | | | | | | |
| Community Wildfire Protection Plan | | | | | | | | |
| Other plans (redevelopment, recovery, coastal zone management) | | | | | | | | |
| Building Code, Permitting and Inspections | Yes / No | | | | | | | |
| Building Code | | | | | | | | |
| Building Code Effectiveness Grading Schedule (BCEGS) Score | | | | | | | | |
| Fire Department ISO/PIAL rating | | | | | | | | |
| Site plan review requirements | | | | | | | | |
| Land Use Planning and Ordinances | Yes / No | | | | | | | |
| Zoning Ordinance | | | | | | | | |
| Subdivision Ordinance | | | | | | | | |
| Floodplain Ordinance | | | | | | | | |
| Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire) | | | | | | | | |
| Flood Insurance Rate Maps | | | | | | | | |
| Acquisition of land for open space and public recreation uses | | | | | | | | |
| Other | | | | | | | | |



Element E: State Required Worksheet – Capability Assessment

Worksheet 4.1: Capability Assessment Worksheet - Unincorporated Calcasieu

Local mitigation capabilities are existing authorities, polices and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible.

Planning and Regulatory

Please indicate which of the following plans and regulatory capabilities your jurisdiction has in place.

| Plans | Yes / No | Comments |
|---|----------|----------|
| Comprehensive / Master Plan | | |
| Capital Improvements Plan | | |
| Economic Development Plan | | |
| Local Emergency Operations Plan | | |
| Continuity of Operations Plan | | |
| Transportation Plan | | |
| Stormwater Management Plan | | |
| Community Wildfire Protection Plan | | |
| Other plans (redevelopment, recovery, coastal zone management) | | |
| Building Code, Permitting and Inspections | Yes / No | |
| Building Code | | |
| Building Code Effectiveness Grading Schedule (BCEGS) Score | | |
| Fire Department ISO/PIAL rating | | |
| Site plan review requirements | | |
| Land Use Planning and Ordinances | Yes / No | |
| Zoning Ordinance | | |
| Subdivision Ordinance | | |
| Floodplain Ordinance | | |
| Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire) | | |
| Flood Insurance Rate Maps | | |
| Acquisition of land for open space and public recreation uses | | |
| Other | | |
| Administration and Technical | | |

Place answers in Yes/No column, add comments if necessary (i.e. what year the plan was updated last)



Element E: State Required Worksheet – Critical Facilities and Vulnerable Population

| Vulnerable Populations Worksheet | | | | | |
|--|--------|------|----------|----------|-----------|
| Unincorporated Calcasieu | | | | | |
| Name | Street | City | Zip Code | Latitude | Longitude |
| All Hospitals (Private or Public) | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| * There are no Hospitals located in the Town of XXXXXX | | | | | |
| Nursing Homes (Private or Public) | | | | | |
| | | | | | |
| | | | | | |
| * There are no nursing homes located in the City/Town of XXXXXXXXX | | | | | |
| Mobile Home Parks | | | | | |
| | | | | | |
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| | | | | | |

Plan Update Worksheet – NFIP

ELEMENT F: STATE REQUIREMENT National Flood Insurance Program (NFIP)

| | | |
|---|--|----------|
| Parish: Calcasieu Parish | | |
| Insurance Summary | | |
| How many NFIP policies are in the community? What is the total premium and coverage? | | Comments |
| How many claims have been paid in the community? What is the total amount of paid claims? How many of the claims were for substantial damage? | | |
| How many structures are exposed to flood risk with in the community? | | |
| Describe any areas of flood risk with limited NFIP policy coverage. | | |
| Staff Resources | | |
| Is the Community FPA or NFIP Coordinator certified? | | |
| Is flood plain management an auxiliary function? | | |
| Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability) | | |
| What are the barriers to running an effective NFIP program in the community, if any? | | |
| Compliance History | | |
| Is the community in good standing with the NFIP? | | |
| Are there any outstanding compliance issues(i.e., current violations)? | | |
| When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact(CAC)? | | |
| Is a CAV or CAC scheduled or needed? If so when? | | |

- FEMA can provide this information, or local /parish floodplain managers

Mitigation Action/Evaluation Worksheets

- Mitigation Action Implementation

** We will reconvene the steering committee for a mitigation strategies meeting to review these worksheets

| Mitigation Actions for City of Covington | | | | | | | |
|---|---|------------------|------------------------|--|---|-----------|--------|
| Action | Summary | Funding Source | Target Completion Date | Responsible Party, Agency, or Department | Hazard | Goal | Status |
| Action 1.1: Mile Branch Drainage Improvements | The proposed project involves stabilization of existing channel banks due to damage from erosion of existing banks. The purpose of the project is to reduce potential structure damage due to erosion along the channel. | Local, FEMA HMPG | 24 months from start | City of Covington/St Tammany Parish | Flooding, Tropical Cyclone | 1,4 | New |
| Action 1.2: Simpson Creek Drainage Improvements | The proposed project involves increase flow capacities in major drainage channel to mitigate flood risk to area. Simpson Creek drains a large developed portion of the City of Covington. Improvements would be made to reduce flood risk to structures located along the drainage way. | Local, FEMA HMPG | 18 months from start | City of Covington | Flooding, Tropical Cyclone, Severe Thunderstorm | 1,2,3,4,7 | New |

Mitigation Action Implementation Worksheet

Mitigation Action Implementation Worksheet

Complete a mitigation action implementation worksheet for each identified mitigation action.

| | |
|----------------------------------|-------------------|
| Jurisdiction: | |
| Mitigation Action/Project Title: | |
| Background/Issue: | |
| Ideas for Integration: | |
| Responsible Agency: | |
| Partners: | |
| Potential Funding: | |
| Cost Estimate: | |
| Benefits: (Losses Avoided) | |
| Timeline: | |
| Priority: | |
| Worksheet Completed by: | (Name/Department) |

Contact Us

Brant Mitchell, SDMI Director of Research & Operations

bmitch9@lsu.edu

(225) 578-5939

Lauren Stevens, HM Project Lead

lstevens@lsu.edu

(225) 578-0502

Lexie Andrews, HM Project Lead

aandrews1@lsu.edu

(225) 578-7034

Stephenson Disaster Management Institute

www.sdmi.lsu.edu

