



Rapides Parish Hazard Mitigation Plan Update

March 25, 2021

Alexandria, LA



Introductions

- Rapides OHSEP and Parish Officials
- Mitigation Steering Committee Members (Roll Call by Parish)
- SDMI
- GOHSEP



Who is SDMI?

- Stephenson Disaster Management Institute (SDMI) at Louisiana State University
- Non-Academic, Applied Research Unit on campus under the SNCSRT umbrella.
- Founded by Toni and Emmet Stephenson





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



Hazard Mitigation Is.....

- Any action taken to reduce long term risk to life and property;
- On-going process that occurs before, during, and after disasters;
- Mitigation actions help prevent damage to a community's infrastructure, economic, cultural and environmental assets;
- Minimize operational downtime and accelerate recovery of government and the private sector after an event;
- Implementation of mitigation actions leads to building stronger, safer and smarter!





Hazard Mitigation Planning is a process that identifies natural hazard risks and develops strategies to reduce these risks.



Planning Process



Hazard Mitigation Plan Update Requirements

- The plan must be updated every 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.
- Must be multijurisdictional



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 of the Planning Committee

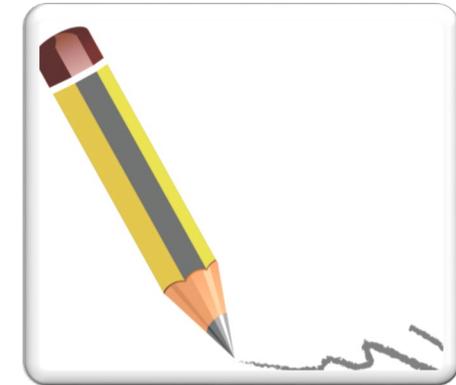
- Parish will serve as the main liaison/POC throughout the planning process
- Each jurisdiction **MUST** show active participation in the planning process by the following:
 - Completing state required worksheets;
 - Identifying and updating jurisdiction specific mitigation actions (projects);
 - Have representation at meetings;
 - Report to community and gather feedback from appropriate agencies;
 - Adopt the final plan.



Plan Development



RAPIDES
PARISH HAZARD MITIGATION
UPDATE – 2016



Plan Layout

- Section 1: Introduction
 - Updated demographics
 - Economics
 - Update parish/jurisdiction descriptions
- Section 2: Hazard Identification and Parish-wide Risk Assessment
- Section 3: **Capability Assessment**
- Section 4: **Mitigation Strategies**
 - **New actions**
 - **Action updates**
 - Survey results



Plan Layout

- Appendix A: Planning Process
- Appendix B: Plan Maintenance
- Appendix C: Parish Essential Facilities
- Appendix D: Plan Adoption
- Appendix E: State Required Worksheets



Section 1: Introduction

- Updated demographics
 - Census information
- Economic update
 - New facilities or companies that are leading to economic impact to the parish?
- Parish/Jurisdiction descriptive updates



Section 2: 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



Section 2: Hazard Identification and Risk Assessment (Previous Update)

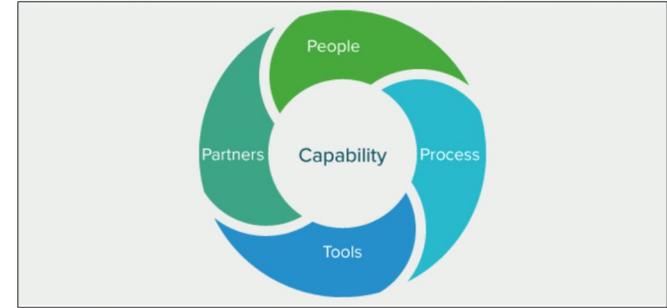
- Flooding
- Tropical Cyclones
- Tornados
- Thunderstorms
- Drought
- Extreme Heat
- Wildfires
- Winter Storms



Section 3: 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



Section 4: Mitigation Strategy

Goals

- 1) Identify and pursue preventative measures that will reduce future damages from hazards.
- 2) Enhance public awareness and understanding of disaster preparedness.
- 3) Reduce repetitive flood losses in the parish.
- 4) Facilitate sound development in the parish to reduce or eliminate the potential impact of hazards.

LSU | Stephenson Disaster
Management Institute



Section 4: Mitigation Action Update and New Mitigation Actions

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for 2021 Update for each jurisdiction



** We will discuss Mitigation Actions with the steering committee at a later date.

| Mitigation Action Update | | |
|---|--|-------------------------|
| Jurisdiction-Specific Action | Jurisdiction | Status |
| Construction of emergency shelters | Rapides Unincorporated | Completed (one shelter) |
| Future development building standards improvements; Improve building standards by adopting the current International Building Codes by ordinance, which would result in additional techniques to harden structures. | Rapides Unincorporated | Completed |
| Develop a master drainage plan which will evaluate drainage projects at major drainage laterals to determine best method of increasing drainage capacity. Implement recommended projects resulting from drainage plan; Improve drainage by adding new drainage pumps, enlarging culverts, replacing/improving any substandard bridges, and other drainage projects where necessary. | Rapides Unincorporated, City of Alexandria, Town of Ball | Ongoing |
| Implement mitigation measures that will alleviate road erosion within the parish. | Rapides Unincorporated | Ongoing |

Appendix A: Planning Process

- Overview of planning process
- Meeting documentation and summaries
- Discussion of integration of neighboring community participation
- Discussion of integration of other parish and jurisdiction plans to the HM Update
- Steering committee members identified



Appendix B: Plan Maintenance

- Review of HM plan **annual** maintenance by the Rapides Parish OHSEP Director.
- Assign responsible parties for review and edits of the plan



Appendix C: Essential Facilities

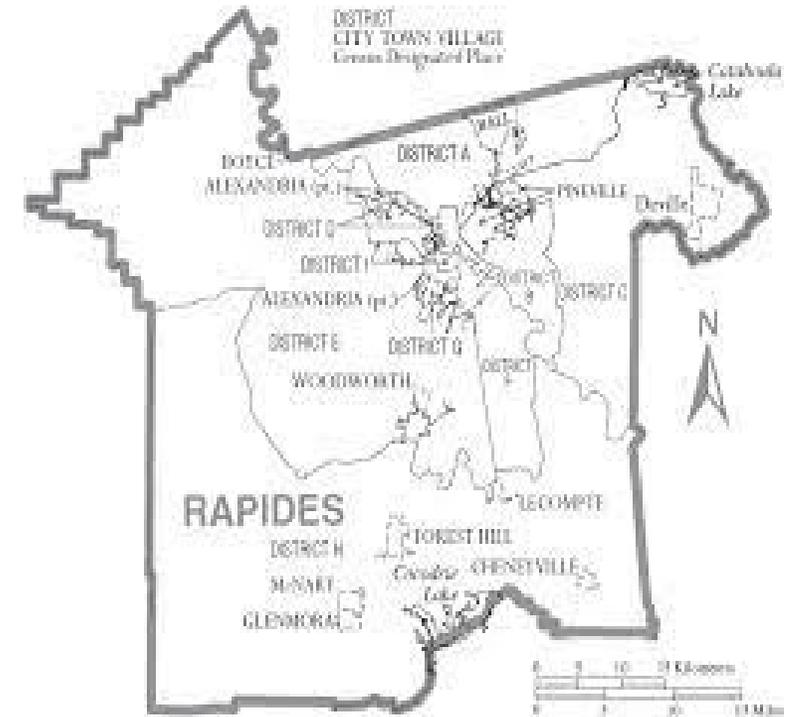
- Updated list of essential facilities by jurisdiction
- Will identify which hazards within the risk assessment pose a threat to each facility
- Facilities must be parish or city owned



Appendix E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

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



Appendix E: State Required Worksheet – Capability Assessment

| Worksheet 4.1: Capability Assessment Worksheet - Rapides | | |
|--|----------|----------|
| 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)



Appendix E: State Required Worksheets – Building Inventory

| Name of Building | Purpose of Building | Address | City | Latitude | Longitude | Assessed Value | Date Built | Construction Type |
|--|---------------------|-------------------------|------------|----------|-----------|----------------|------------|--------------------|
| Rapides Parish Highway Department | Public Works | 8051 Hwy 28 West | Alexandria | 31.2952 | -92.5434 | \$2,500,000 | 1972 | Metal |
| Echo-Poland Volunteer Fire Department Station 1 | Fire Service | 9887 Hwy 1 South | Alexandria | 31.1392 | -92.2820 | \$225,000 | 2008 | Metal |
| Echo-Poland Volunteer Fire Department Station 3 | Fire Service | 1518 Latanier Road | Alexandria | 31.1610 | -92.3554 | \$175,000 | 2008 | Metal |
| Echo-Poland Volunteer Fire Department Station 2 | Fire Service | 2421 Latanier Road | Alexandria | 31.1973 | -92.3378 | \$175,000 | 2008 | Metal |
| Rapides Parish Fire District 2 Station 1 | Fire Service | 5104 Ransbottom Drive | Alexandria | N/A | N/A | \$600,000 | 1953 | Reinforced Masonry |
| Rapides Parish Fire District 2 Station 2 | Fire Service | 6850 England Drive | Alexandria | N/A | N/A | \$650,000 | 1999 | Reinforced Masonry |
| Rapides Parish Fire District 2 Station 3 | Fire Service | 3722 Church Street | Alexandria | N/A | N/A | \$350,000 | 1994 | Metal |
| Rapides Parish Fire District 2 Station 4 | Fire Service | 6613 Hot Wells Road | Boyce | N/A | N/A | \$175,000 | 1984 | Metal |
| Rapides Parish Fire District 2 Station 5 | Fire Service | 20 Kincaid Road | Boyce | N/A | N/A | \$800,000 | 2003 | Reinforced Masonry |
| Rapides Parish Fire District 7 (Ruby-Kolin) Station 1 | Fire Service | 5717 Old Marksville Hwy | Deville | 31.2514 | -92.2865 | \$175,000 | 2001 | Metal |
| Rapides Parish Fire District 7 (Ruby-Kolin) Station 2 | Fire Service | 163 Palmer Chapel Road | Pineville | 31.2829 | -92.3271 | \$850,000 | 1998 | Reinforced Masonry |
| Rapides Parish Fire District 8 (Coltile/Gardner) Station 1 | Fire Service | 55 Parker Road | Boyce | N/A | N/A | \$350,000 | 1976 | Metal |

Appendix E: State Required Worksheets - Critical Facilities and Vulnerable Populations

Vulnerable Populations Worksheet

Rapides Parish

| Name | Street | City | Zip Code | Latitude | Longitude |
|---|------------------------------|-----------|----------|---------------------------------|------------------------------|
| All Hospitals (Private or Public) | | | | | |
| Veterans Affairs Medical Center | 2495 Shreveport Hwy 71 North | Pineville | 71360 | Veterans Affairs Medical Center | 2495 Shreveport Hwy 71 North |
| | | | | | |
| | | | | | |
| | | | | | |
| * There are no Hospitals located in the Town of XXXX | | | | | |
| Nursing Homes (Private or Public) | | | | | |
| St Christina | 122 Hillsdale Drive | Pineville | 71360 | St Christina | 122 Hillsdale Drive |
| | | | | | |
| | | | | | |
| | | | | | |
| * There are no Nursing Homes located in the Town of XXXX | | | | | |

Plan Update Worksheet – NFIP

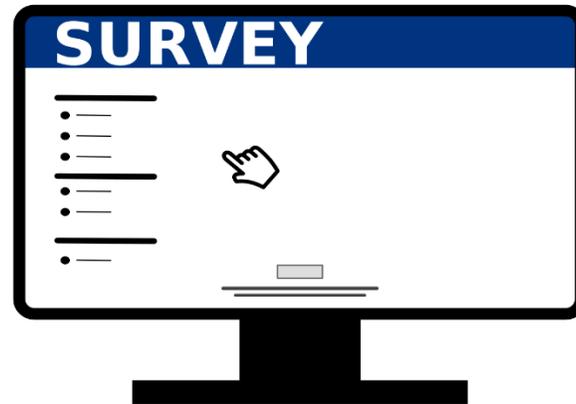
| ELEMENT F: STATE REQUIREMENT | | |
|---|--|----------|
| National Flood Insurance Program (NFIP) | | |
| Parish: Rapides | | |
| Insurance Summary | | Comments |
| How many NFIP policies are in the community? | | |
| What is the total premium and coverage? | | |
| How many claims have been paid in 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

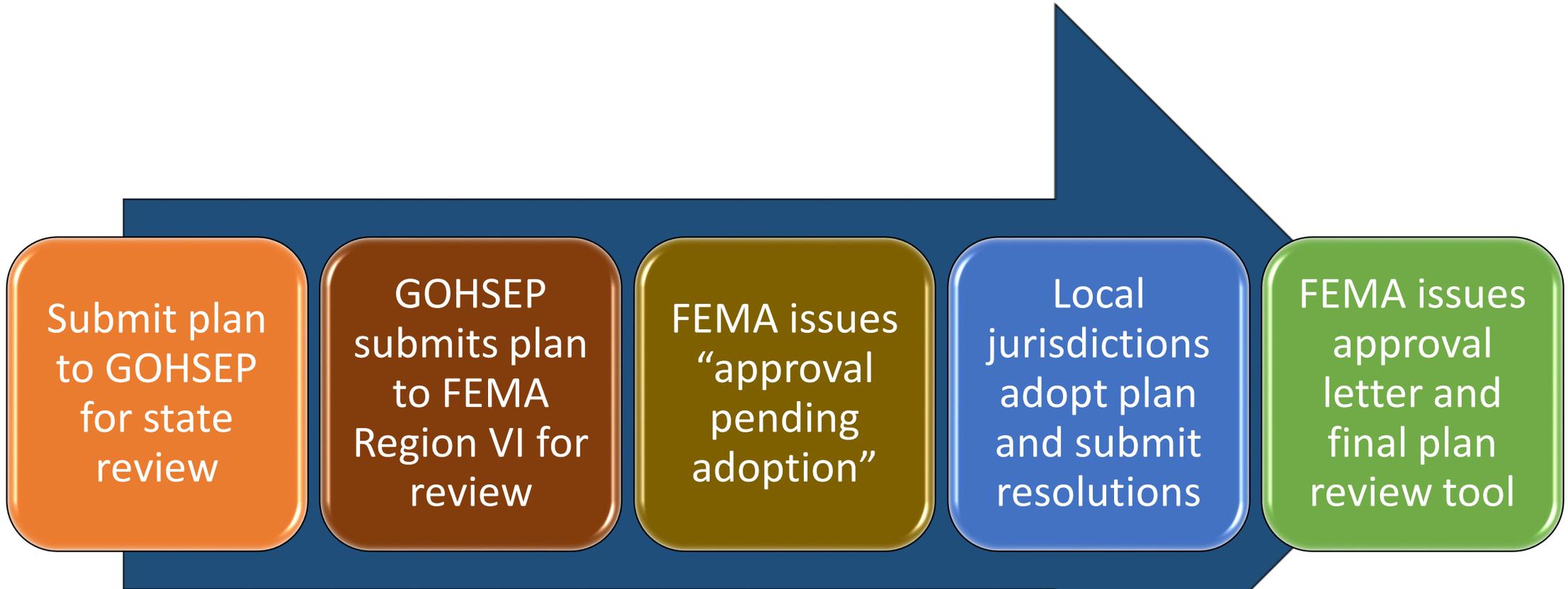


Parish Mitigation Survey

- Collects information from citizens regarding their perceptions of local hazards and mitigation efforts
- Results will be included in the plan if there are enough responses
- <https://www.surveymonkey.com/r/RapidesHM2021>



Plan Approval Process



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

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



Next Steps

- Worksheet and Mitigation Actions due dates
- Identify Neighboring Community
- Next meetings?
 - Mitigation Action Workshop (Optional)
 - Risk Assessment Review with Committee
 - Public Meeting
- Draft Plan to FEMA
 - 1-2 weeks after the public meeting
- Adoptions
 - **AFTER** the FEMA Review!!!



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