



Bossier Parish Hazard Mitigation Plan Update Initial Planning Meeting

October 20, 2022

Benton, LA



Introductions

- **Bossier Parish OHSEP Director/Planning Committee**
- **Stephenson Disaster Management Institute (SDMI) at LSU**
 - Chris Rippetoe – Hazard Mitigation Program Manager
- **Governor's Office of Homeland Security and Emergency Preparedness**
 - Jeffrey Giering – State Hazard Mitigation Officer
 - Marion Pearson – Hazard Mitigation Planner



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

LSU | Stephenson Disaster
Management Institute





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;
- Must be multi-jurisdictional



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 mitigation 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.

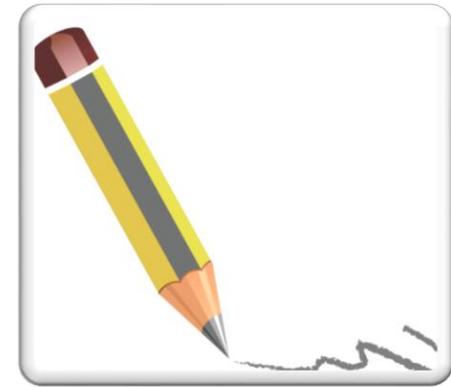




BOSSIER
PARISH HAZARD MITIGATION
UPDATE – 2016



Plan Development



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 Critical 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

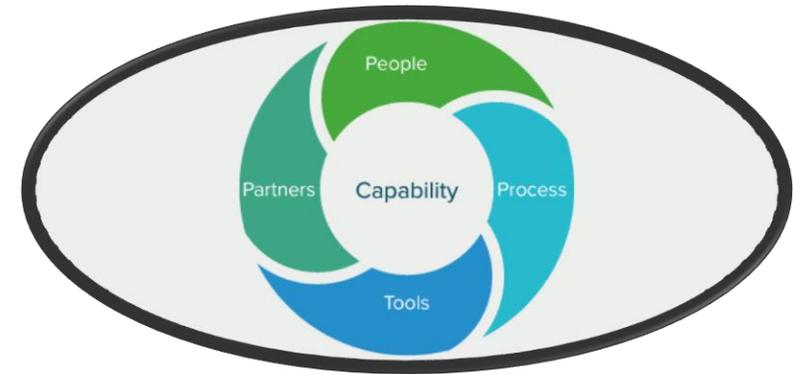
- Dam Failure
- Drought
- Flooding
- Levee Failure
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Weather



Section 3: Capability 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 Strategies

Goals

- Enhance and develop emergency services, including response
- Protect lives and property from the dangers of natural hazards



Section 4: Mitigation Strategies

- Mitigation Action Update on previous actions/projects
- New Mitigation Action identification for each jurisdiction in 2022 plan update



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

Bossier Unincorporated - New Mitigation Actions						
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Status
B1: Building Retrofits	Retrofit public buildings exterior shell to maintain use during and after storm events. Benefits: Reduces damage from high winds, and helps assure that the public buildings can be used, occupied and operable during or after storms.	FEMA, Local	1-5 years	Bossier Parish OHSEP	High Wind, Tropical Cyclone, Hail, Tornado	New
B2: Drainage Improvement	Will relieve flooding problems, reduce flood damage and costs of damage, overtopping of roads with drain water, while also keeping open roadways during periods of high precipitation. Benefits: Relieves Parish or local government and propertyowners of the continual flooding problems, with closed roadways (loss of function). Saves public funds for road repairs, drainage ditch repairs, sandbagging and blocking of roadways during storm periods.	FEMA, Local	1-5 years	Bossier Parish OHSEP	Flooding, Tropical Cyclone	New
B3: Mitigation of repetitive loss and severe repetitive loss properties and other hazard prone structures	Elevation, acquisition-demolition, acquisition-relocations, and reconstruction of repetitive loss or flooding or other hazard prone properties.	FEMA, Local	1-5 years	Bossier Parish OHSEP	Flooding, tropical cyclone, dam and levee failure	New
B4: Safe Room Projects	Construction of a safe room for first responders located in Bossier Parish. Other locations will be identified based on funding availability.	FEMA, Local	1-5 years	Bossier Parish OHSEP	Tornado, high wind, tropical cyclone	New
B5: Educating and Outreach	Enhance the public outreach program	FEMA, Local	1-5 years	Bossier Parish OHSEP	Flooding, Tropical	New

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
- Planning committee members identified

Appendix B: Plan Maintenance

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



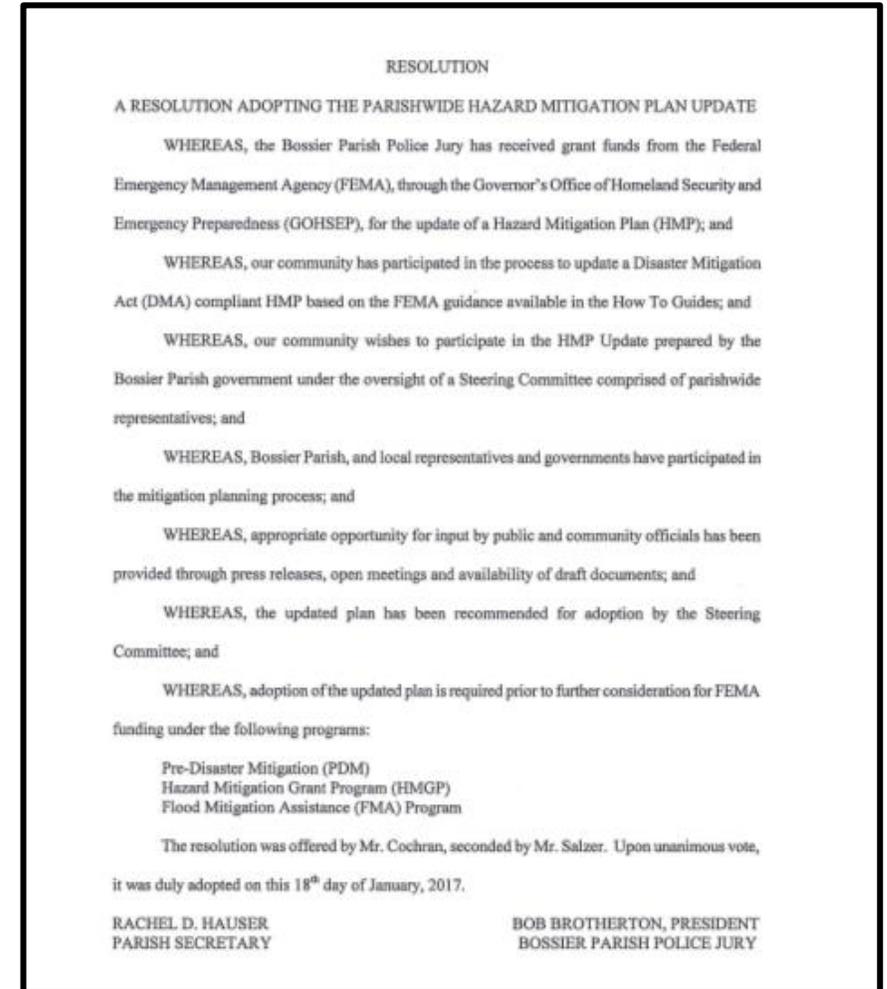
Appendix C: Critical Facilities

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



Appendix D: Plan Adoption

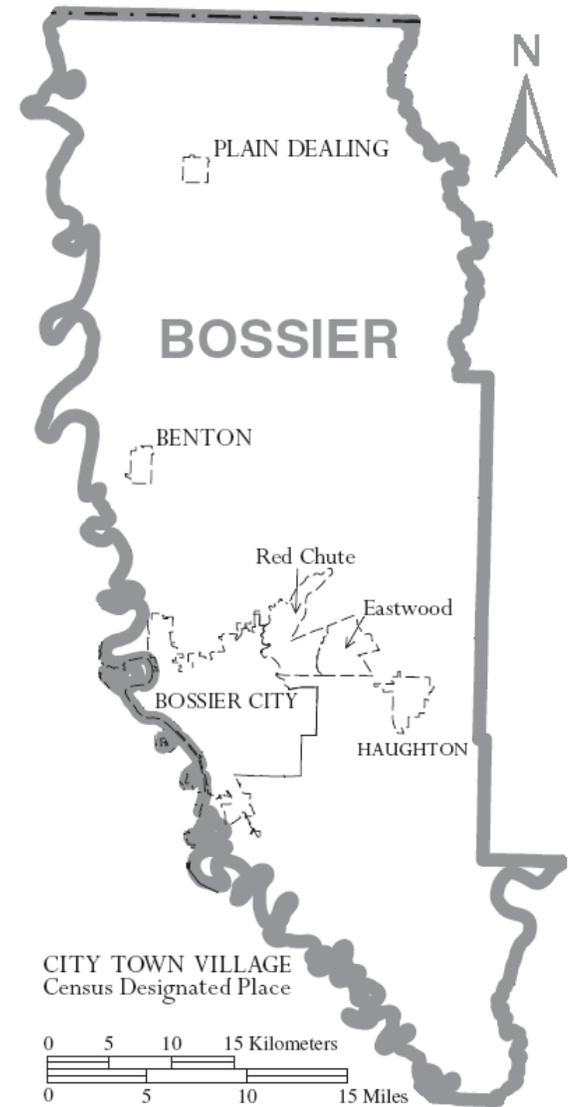
- Parish council and city council resolutions must be adopted, signed, and placed into the final planning document – **AFTER the plan is issued APA.**
- Templates can be provided if needed
- As a planning team member, be aware of the policies for your jurisdiction



Appendix E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

- Capability Assessment
- NFIP Worksheet
- Parish/Jurisdiction Building Inventory
- Vulnerable Populations



Capability Assessment

Capability Assessment Worksheet - Bossier Parish

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

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

National Flood Insurance Program

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



National Flood Insurance Program (NFIP) - Bossier Parish

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

Comments

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

Comments

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?

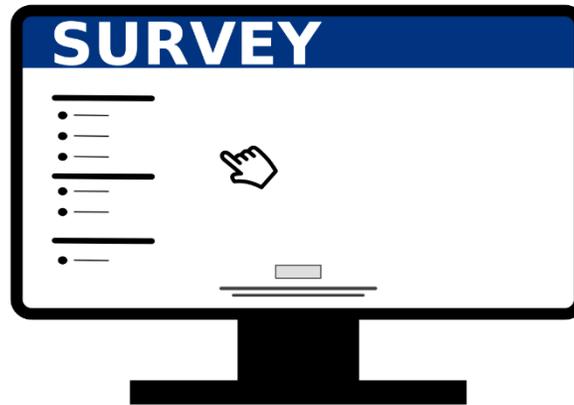
Building Inventory

Building Inventory - Bossier Parish								
Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Elm Grove Elementary School	Education	1541 Old Highway 71	Elm Grove	32.35129218	-93.55390676			
Princeton Elementary School	Education	1895 Winfield Road	Princeton	32.58754199	-93.53402207			
South Bossier Volunteer	Fire Search and Rescue	3551 Louisiana 527	Elm Grove	32.42399075	-93.51316615			
Bossier Parish Fire District	Fire Search and Rescue	10 Rodgers Marina Drive	Elm Grove	32.39896743	-93.43598511			
South Bossier Fire District	Fire Search and Rescue	13601-13999 U.S. 71	Elm Grove	32.28706275	-93.49601787			
South Bossier Fire District	Fire Search and Rescue	1325 Robinson Road	Elm Grove	32.36052158	-93.47528339			
Justice of the Peace	Civil Government	5436 HWY 80	Princeton	32.55733473	-93.54817107			



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/BossierHM2022>



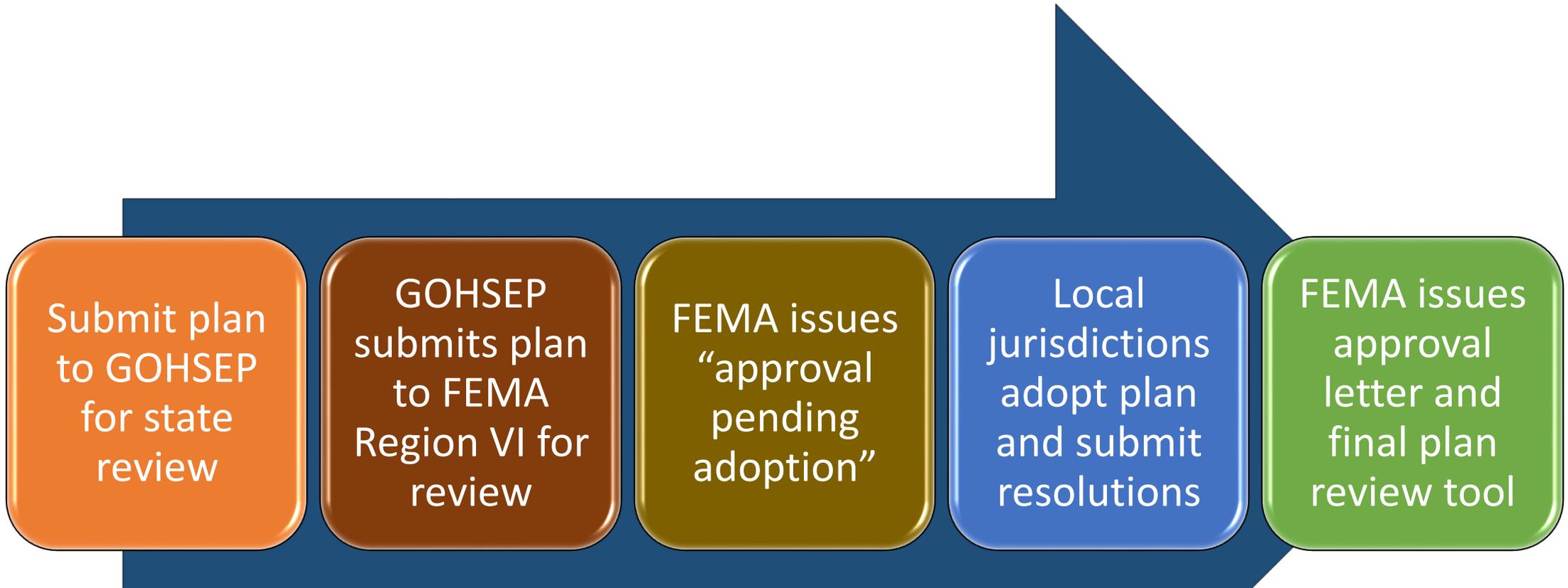
SDMI Hazard Mitigation Website

- Repository for materials used during update process
- <https://hmplans.sdmi.lsu.edu/Home/Parish/bossier>

The screenshot displays the website interface for the Bossier Parish Hazard Mitigation Plan. At the top, the LSU Stephenson Disaster Management Institute logo is visible, along with a navigation bar containing 'Home', 'Calendar', 'Mitigation Resources', 'Parish Plans', and 'Settings'. The main heading is 'HAZARD MITIGATION'. Below this, the 'Bossier Parish' section features a 'PLAN DUE DATE: FEBRUARY 15 2022'. A 'DEVELOPMENT STATUS' progress bar shows four stages: 'PLAN DEVELOPMENT' (completed), 'PLAN REVIEW' (TBD), 'PLAN ADOPTION' (TBD), and 'COMPLETED' (TBD). Below the progress bar, 'PARTICIPATING JURISDICTIONS' are listed with radio buttons: Unincorporated Bossier Parish, Town of Benton, Town of Plain Dealing, City of Bossier City, and Town of Haughton. A calendar-style list of events includes a '2022 BOSSIER PARISH KICKOFF MEETING' on May 17 and a '2022 BOSSIER PARISH INITIAL PLANNING COMMITTEE MEETING' on October 20. At the bottom, 'PREVIOUS PLANNING RESOURCES' for 2016 are listed, including the 'BOSSIER HM PLAN', 'BOSSIER PARISH KICK-OFF MEETING', and 'BOSSIER PARISH PUBLIC MEETING', each with a 'DOWNLOAD' button. The LSU logo is at the bottom right of the page.



Plan Approval Process



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



Plan Adoption

Each jurisdiction **MUST** adopt the final plan

- Templates can be provided if needed
- 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



Next Steps

- Identify Neighboring Community
 - Caddo and Webster used in previous plan
- Parish seal/logo
- Worksheet and Mitigation Actions Due Dates
- Dates for Next Meetings
 - Mitigation Action Workshop (Optional)
 - Risk Assessment Review with Committee
 - Public Meeting
- Draft Plan to FEMA
 - 2-3 weeks after the public meeting
- Adoptions
 - AFTER the FEMA Review



Contact Us

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