



# **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

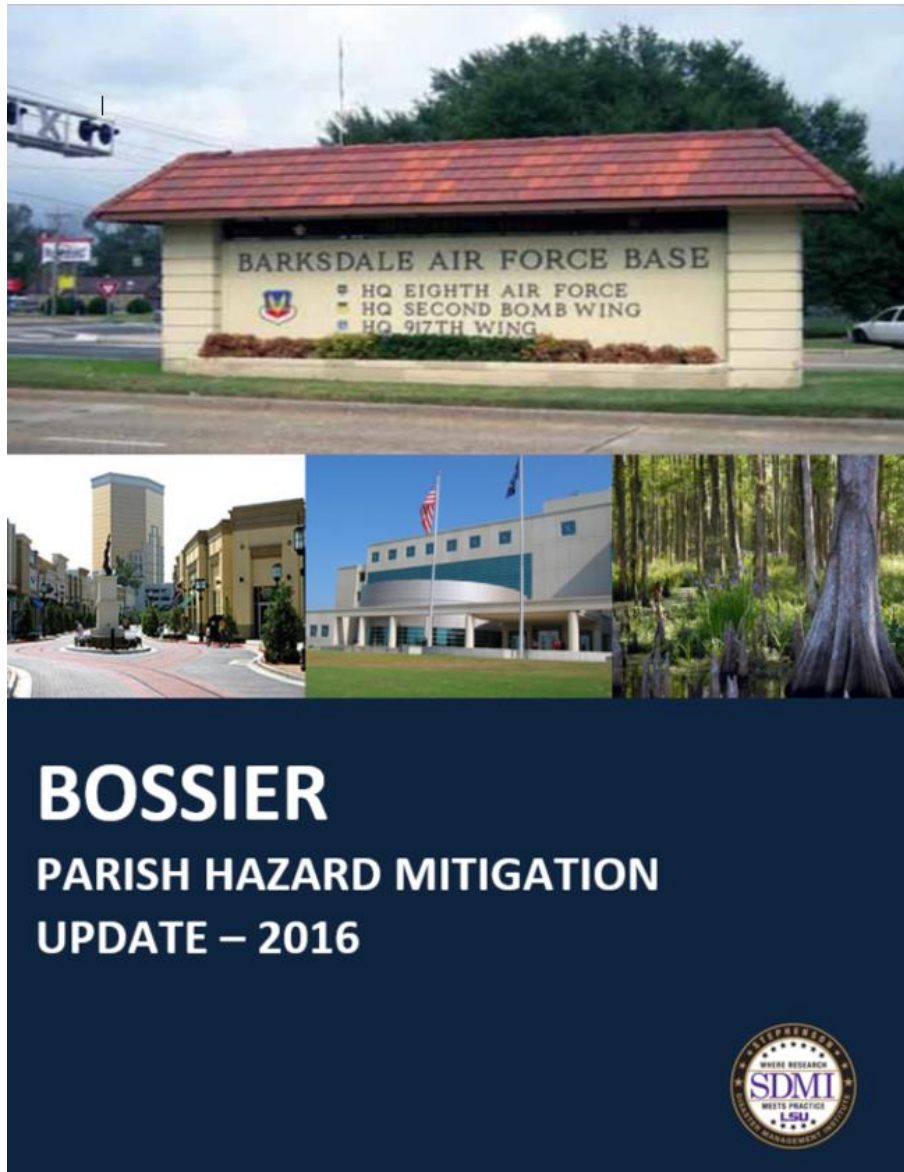


# Expectations of the Planning Committee

- 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.



# 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

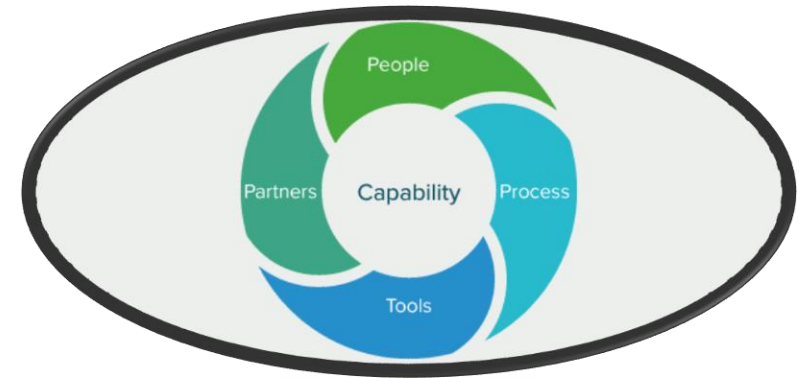
- Dam Failure
- Drought
- Flooding
- Levee Failure
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Weather



# 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.

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: Education and Outreach	Enhance the public outreach programs	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



RESOLUTION

A RESOLUTION ADOPTING THE PARISHWIDE HAZARD MITIGATION PLAN UPDATE

WHEREAS, the Bossier Parish Police Jury has received grant funds from the Federal Emergency Management Agency (FEMA), through the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), for the update of a Hazard Mitigation Plan (HMP); and

WHEREAS, our community has participated in the process to update a Disaster Mitigation Act (DMA) compliant HMP based on the FEMA guidance available in the How To Guides; and

WHEREAS, our community wishes to participate in the HMP Update prepared by the Bossier Parish government under the oversight of a Steering Committee comprised of parishwide representatives; and

WHEREAS, Bossier Parish, and local representatives and governments have participated in the mitigation planning process; and

WHEREAS, appropriate opportunity for input by public and community officials has been provided through press releases, open meetings and availability of draft documents; and

WHEREAS, the updated plan has been recommended for adoption by the Steering Committee; and

WHEREAS, adoption of the updated plan is required prior to further consideration for FEMA funding under the following programs:

Pre-Disaster Mitigation (PDM)  
Hazard Mitigation Grant Program (HMGP)  
Flood Mitigation Assistance (FMA) Program

The resolution was offered by Mr. Cochran, seconded by Mr. Salzer. Upon unanimous vote, it was duly adopted on this 18<sup>th</sup> day of January, 2017.

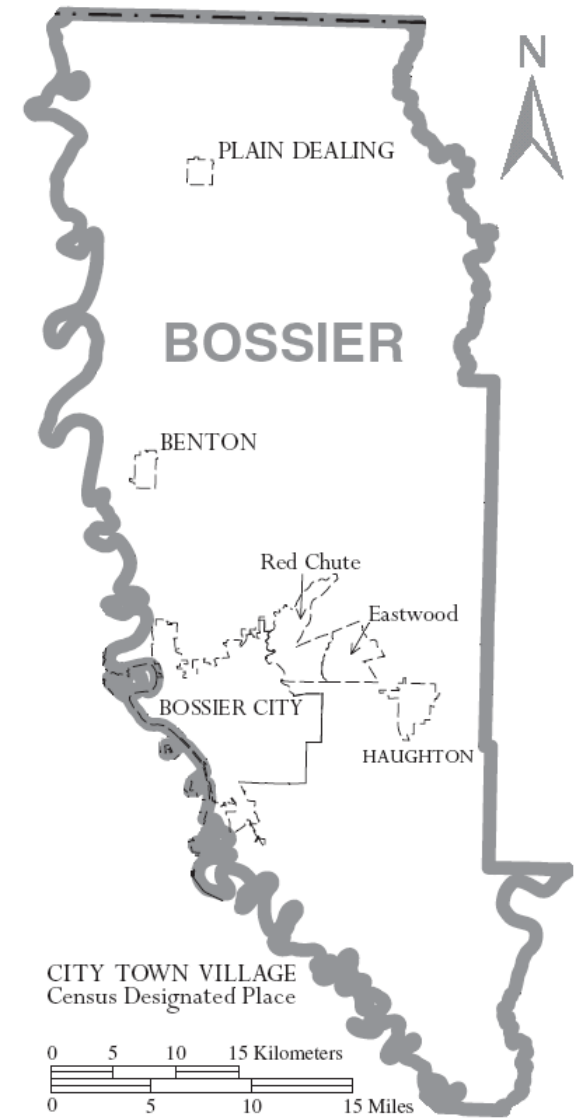
RACHEL D. HAUSER  
PARISH SECRETARY

BOB BROTHERTON, PRESIDENT  
BOSSIER PARISH POLICE JURY

# 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, policies 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	
<b>Building Code, Permitting and Inspections</b>		
Building Code	Yes	
Building Code Effectiveness Grading Schedule (BCEGS) Score	No	
Fire Department ISO/PIAL rating	No	
Site plan review requirements	Yes	
<b>Land Use Planning and Ordinances</b>		
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			



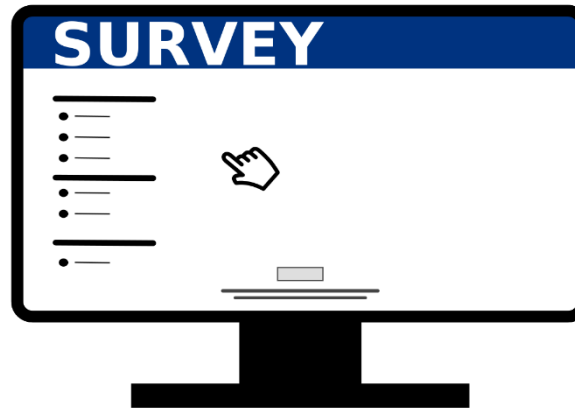
# Vulnerable Populations

Vulnerable Populations - Bossier Parish					
All Hospitals (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
*There are no hospitals in Bossier Parish					
Nursing Homes (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
*There are no nursing homes in Bossier Parish					
Mobile Home Parks					
Name	Street	City	Zip Code	Latitude	Longitude
Brooks RV Park	4790 Louisiana 154	Elm Grove	71051	32.33502957	-93.44217982
Unknown Trailer Park	42 ACORN HILL LOOP	Princeton	None	32.56325351	-93.5068547
Timberline Village	207 Timberline Lane	Princeton	71067	32.56753471	-93.50672898
Eastwood Park	136 MCSWAIN DR	Princeton	71067	32.56579466	-93.50227011
Pine Creek Estates	215 LAFAYETTE CIR	Princeton	71067	32.560872	-93.547749



# 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>



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**HAZARD MITIGATION**

Home Calendar Mitigation Resources **Parish Plans** Settings

**Bossier Parish** PLAN DUE DATE: FEBRUARY 15 2022

**DEVELOPMENT STATUS**

PLAN DEVELOPMENT PLAN REVIEW PLAN ADOPTION COMPLETED

KICKOFF MEETING MAY 2022 TBD TBD TBD

**PARTICIPATING JURISDICTIONS**

- Unincorporated Bossier Parish
- Town of Benton
- City of Bossier City
- Town of Haughton
- Town of Plain Dealing

**MAY 17 2022 BOSSIER PARISH KICKOFF MEETING**  
LEPA Conference  
09:00 AM - 09:30 AM 5/17/2022

**OCT 20 2022 BOSSIER PARISH INITIAL PLANNING COMMITTEE MEETING**  
Police Jury Meeting Room, Benton, LA  
09:00 AM - 10:00 AM 10/20/2022

**PREVIOUS PLANNING RESOURCES**

2016

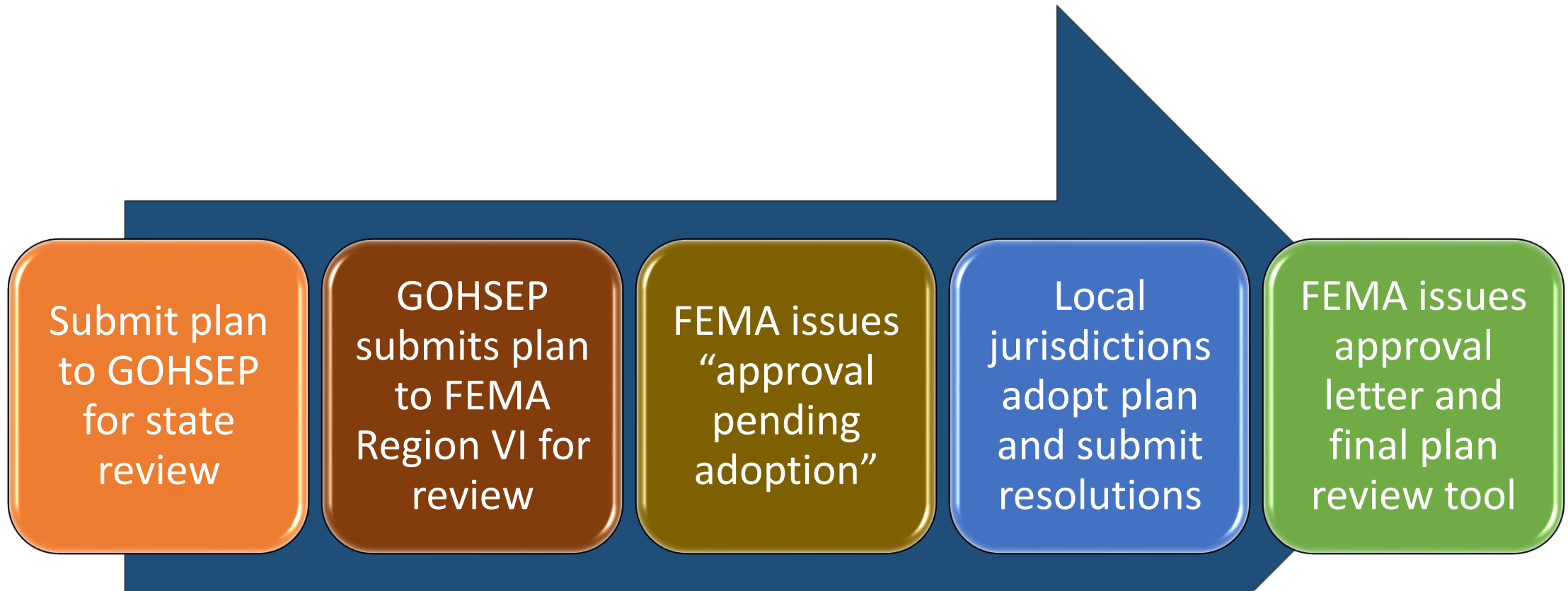
BOSSIER HM PLAN **DOWNLOAD**

BOSSIER PARISH KICK OFF MEETING **DOWNLOAD**

BOSSIER PARISH PUBLIC MEETING **DOWNLOAD**

**LSU**

# 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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