



# **Bienville Parish Hazard Mitigation Plan Update Initial Planning Meeting**

May 25, 2023

Arcadia, LA



# Introductions

- **Bienville Parish OHSEP Director/Planning Committee**
- **Stephenson Disaster Management Institute (SDMI) at LSU**
  - Chris Rippetoe – Hazard Mitigation Program Manager
  - Jason Martin – Emergency Management Analyst
- **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

# 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

## CODE OF FEDERAL REGULATIONS

44

Revised as of October 1, 2018

Emergency Management  
and  
Assistance

- 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

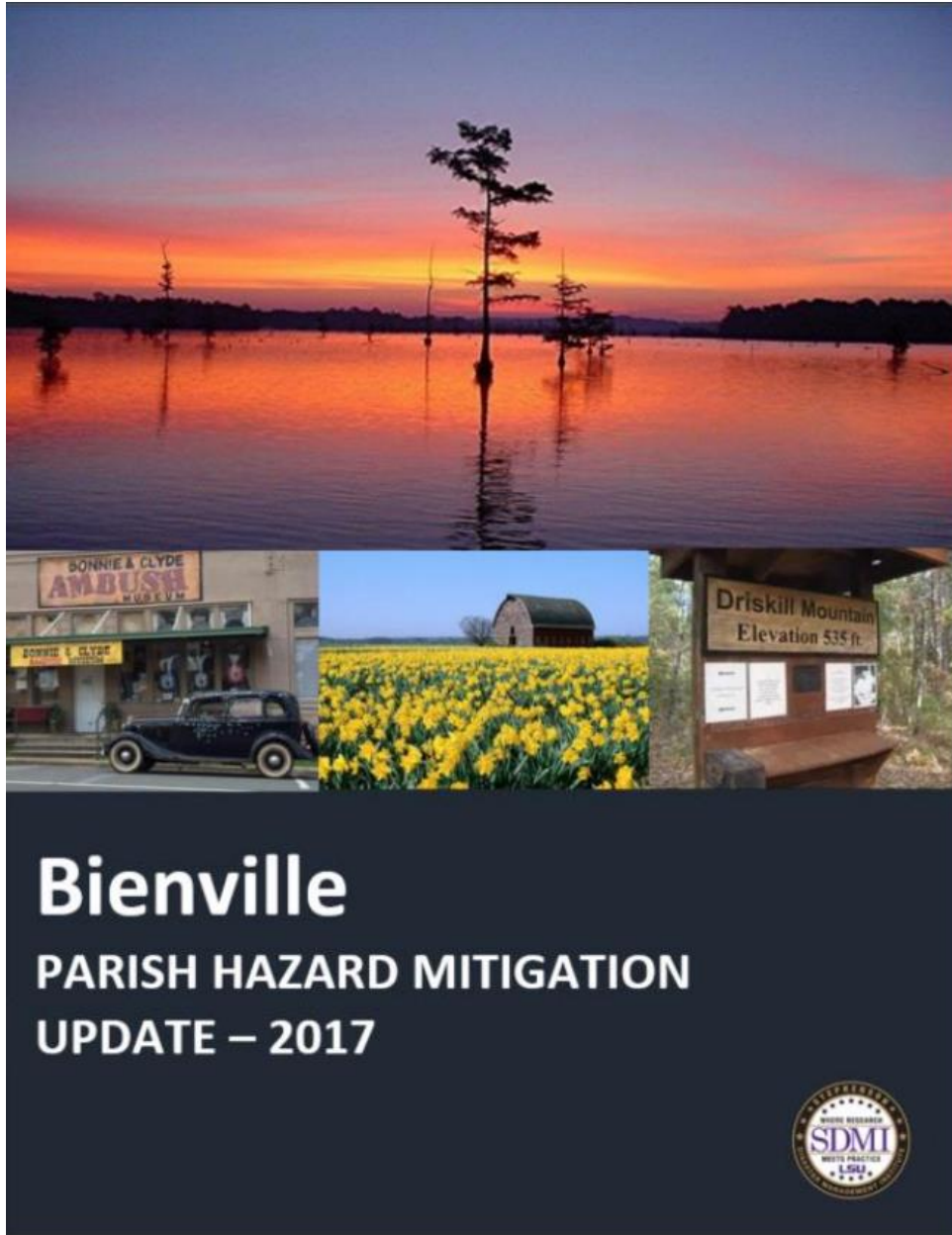


# Planning Committee Expectations

- 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 parish description
  - Updated demographics
  - Economics
- **Section 2: Hazard Identification and Risk Assessment**
- **Section 3: Capability Assessment**
- **Section 4: Mitigation Strategies**
  - Action updates
  - New actions
  - 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

- Previously Profiled Hazards
- Newly Identified Hazards
- Previous Occurrences
- Probability of Future Events
- Potential Losses due to an event
- Zoning and Land Use
- Impacts on Critical Facilities
- Impacts from future development
- Future impacts due to climate change



# Hazard Identification and Risk Assessment

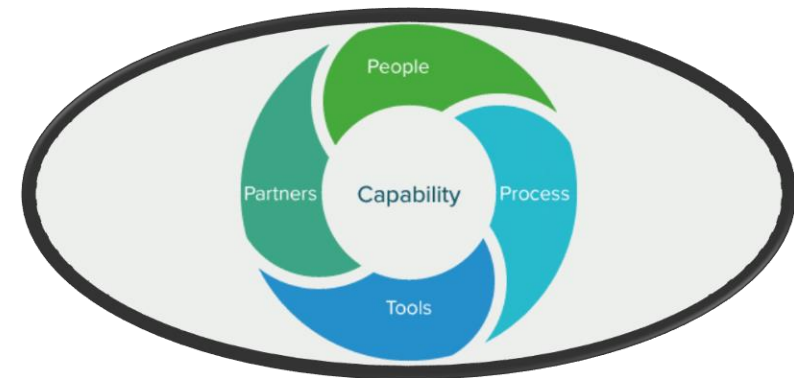
- Dam Failure
- Drought
- Excessive Heat
- Flooding
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Weather



# 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

- Create an advanced warning system
- Reduce damages by hazards that cannot be controlled
- Create a maintenance, rehabilitation and replacement program
- Create hazard event procedures



# Section 4: Mitigation Strategies

- Mitigation Action Update for previous actions/projects
- New Mitigation Actions Identification for 2023 Update for each jurisdiction



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

Bienville 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 HMGP, Local	1-5 years	Bienville Parish OHSEP	High Wind, Tropical Cyclones, Tornadoes	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 property owners 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 HMGP, Local	1-5 years	Bienville Parish OHSEP	Flooding, Tropical Cyclones	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 HMGP, Local	1-5 years	Bienville Parish OHSEP	Flooding, Tropical Cyclones	New
B4: Safe Room Projects	Construction of a safe room for first responders located in Bienville Parish. Other locations will be identified based on funding availability.	FEMA HMGP, Local	1-5 years	Bienville Parish OHSEP	Tornadoes, High Wind, Tropical Cyclones, Wildfires	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 Bienville Parish OHSEP Director.
- Assign responsible parties for review and edits of the plan



# Appendix C: Critical Facilities

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



# Appendix D: Plan Adoption

- Parish and jurisdiction council resolutions must be adopted, signed, and placed into the final planning document – **AFTER the plan is issued APA.**
- Each jurisdiction **MUST** adopt the plan after APA
- As a planning team member, be aware of the policies for your jurisdiction

BIENVILLE PARISH  
STATE OF LOUISIANA

RESOLUTION

A RESOLUTION ADOPTING THE BIENVILLE  
PARISH HAZARD MITIGATION PLAN 2017

WHEREAS the Bienville Parish Police Jury recognizes the threat that natural hazards pose to people and property within Bienville Parish; and

WHEREAS the Bienville Parish Police Jury has prepared a multi-hazard mitigation plan, hereby known as Bienville Parish Hazard Mitigation Plan 2017 in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS Bienville Parish Hazard Mitigation Plan 2017 identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Bienville Parish from the impacts of future hazards and disasters; and

WHEREAS adoption by the Bienville Parish Police Jury demonstrates their commitment to the hazard mitigation and achieving the goals outlined in the Bienville Parish Hazard Mitigation Plan 2017.

NOW THEREFORE, BE IT RESOLVED that the BIENVILLE PARISH POLICE JURY hereby adopts the Bienville Parish Hazard Mitigation Plan 2017.

The above resolution was submitted by Mr. Malone, seconded by Mr. Bates, and a roll call vote was as follows:

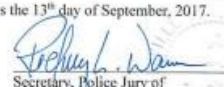
YEAS:	Sims, Roberson, Ryder, Bates, Lawson, Nelson and Malone.
NAYS:	None.
ABSENT:	None.
ABSTAINING:	None.


/s/ Rodney L. Warren  
Secretary

/s/ Darryl Ryder  
President

I, Rodney L. Warren, Secretary to the Bienville Parish Police Jury, certify that the foregoing is a true copy of the transaction of said body in regular session convened on the 13<sup>th</sup> day of September, 2017.

Given under my hand and seal of office this the 13<sup>th</sup> day of September, 2017.

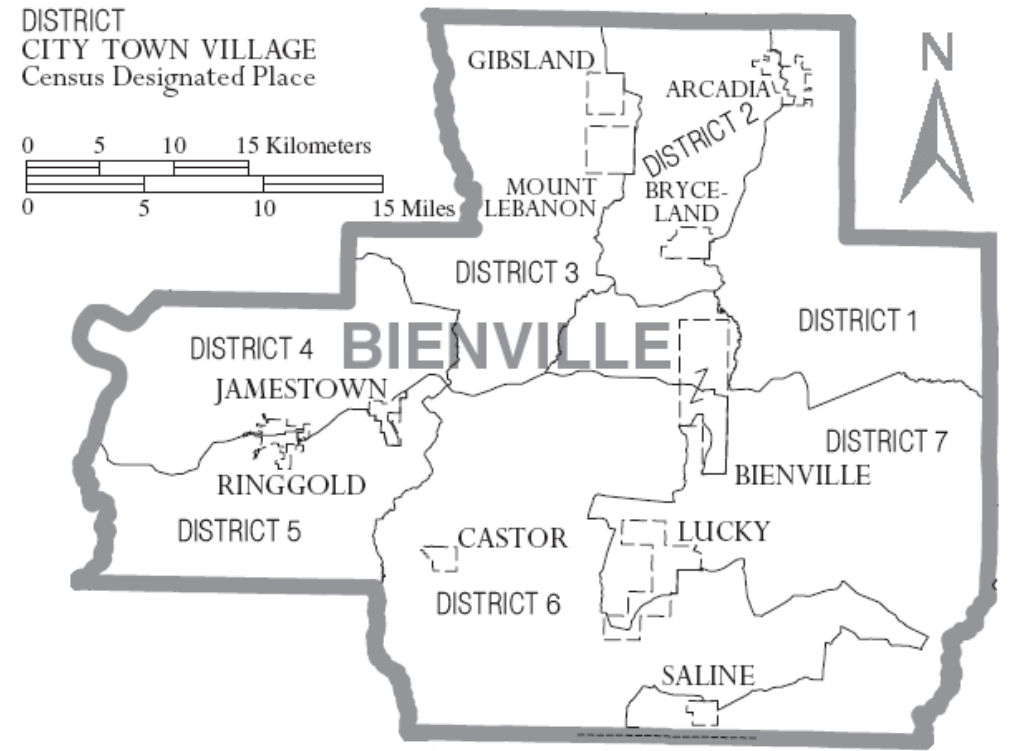
  
Secretary, Police Jury of  
Bienville Parish, Louisiana



# Appendix E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

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



# Capability Assessment

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

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



# National Flood Insurance Program

National Flood Insurance Program (NFIP) - Bienville Parish		
<b>Insurance Summary</b>		<b>Comments</b>
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.		
<b>Staff Resources</b>		<b>Comments</b>
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?		
<b>Compliance History</b>		<b>Comments</b>
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?		
<b>Regulation</b>		<b>Comments</b>
When did the community enter the NFIP?		
Are the FIRMs digital or paper?		
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?		
<b>Community Rating System (CRS)</b>		<b>Comments</b>
Does the community participate in CRS?		
What is the community's CRS Class Ranking?		
Does the plan include CRS planning requirements?		

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



# Building Inventory

Building Inventory - Bienville Parish								
Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Bienville Parish Courthouse	Governmental Functions	100 Courthouse Drive	Arcadia	32.567386	-92.918847	12,000,000	2013	Concrete
Bienville Parish Fire Protection District Ward 7 Station 6	Fire Search and Rescue	Danville Road	Danville	32.2519425	-92.82023296	\$5,625.00		Metal
Bienville Parish Fire Protection District Ward 7 Station 3	Fire Search and Rescue	Louisiana 155	Friendship	32.23693878	-92.89527827	\$10,875.00		Metal
Bienville Parish Fire Protection District Ward 7 Station 5	Fire Search and Rescue	10401-10599 Louisiana 501	Shady Grove	32.18630638	-92.85967504	\$6,225.00		Metal
North Bienville Parish Fire District Station No. 7	Fire Search and Rescue	Taylor Church Road	Taylor	32.54855532	-93.13117235	\$19,800.00		Metal
Bienville Parish Ward 1 & 2 Fire District - Station 2	Fire Search and Rescue	Par Road 163	Union	32.44200882	-92.90323795	\$6,675.00		Metal
Precinct 3-3 Polling Place	Civil Government	146-198 Woodard Walker Road	Ada	32.54720353	-93.14328098	\$4,200.00		Metal
Sailes Fire Tower	Fire Search and Rescue	Sailes Firetower Road	Sailes	32.36252225	-93.14002386			Metal



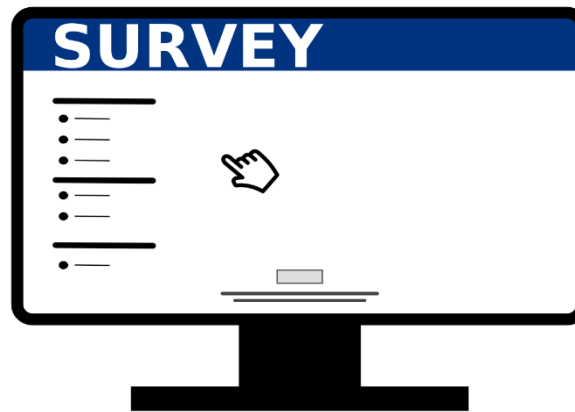
# Vulnerable Populations

Vulnerable Populations - Bienville Parish					
All Hospitals (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
Bienville Medical Center (Private)	1175 Pine Street	Arcadia	71001	32.554101	-92.913065
Nursing Homes (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
Willow Ridge Nursing & Rehabilitation Center	660 Factory Outlet Drive	Arcadia	71001	32.561897	-92.915825
Leslie Lakes Retirement Center	1355 6th Street	Arcadia	71001	32.552872	-92.914702
Ringgold Nurisng & Rehabilitation Center	2501 Kenneth Street	Ringgold	71068	32.318145	-93.282468
Mobile Home Parks					
Name	Street	City	Zip Code	Latitude	Longitude



# 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://lsu.qualtrics.com/jfe/form/SV\\_8pNNVTgBZ1MrEEK](https://lsu.qualtrics.com/jfe/form/SV_8pNNVTgBZ1MrEEK)



# SDMI Hazard Mitigation Website

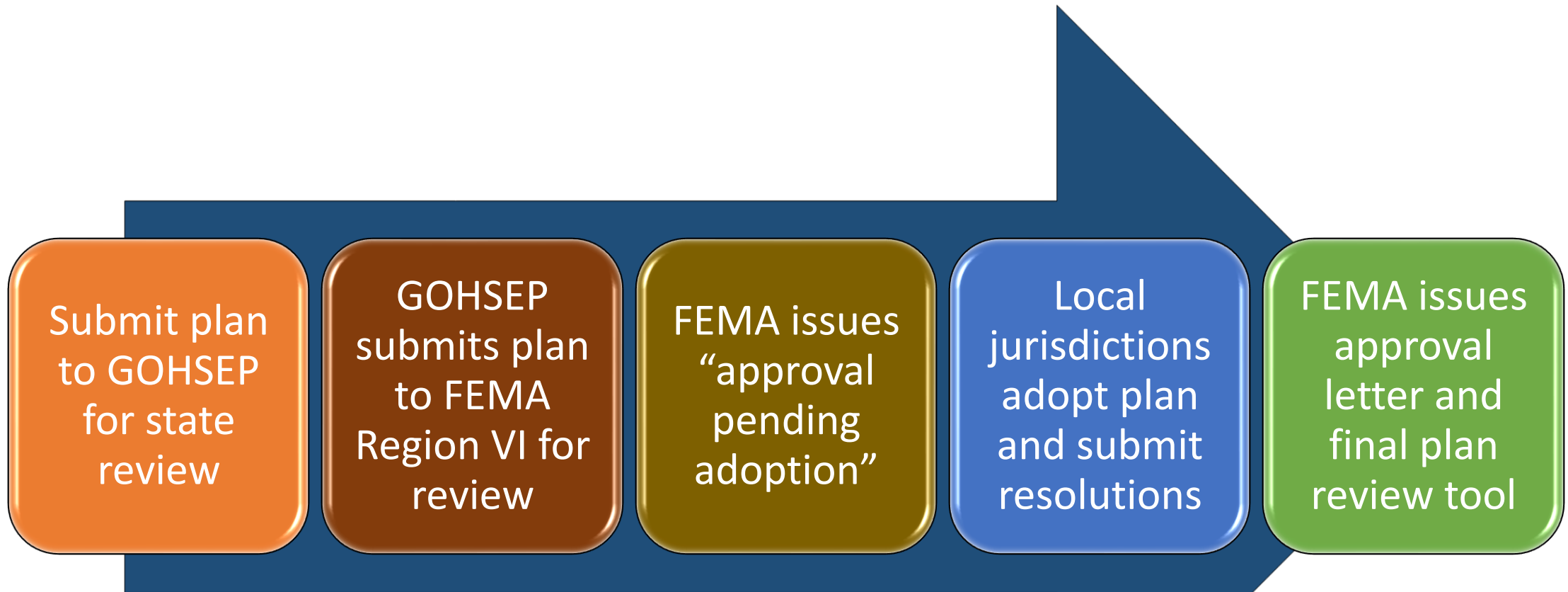
- Repository for materials used during update process
- <https://hmplans.sdmi.lsu.edu/Home/Parish/bienville>



The screenshot displays the SDMI Hazard Mitigation website for Bienville Parish. The header includes the LSU logo and the text "Stephenson Disaster Management Institute". A navigation bar contains links for "Intro", "Events", "FEMA Resources", "Parish Plans", and "Settings". The main content area is titled "Bienville Parish" and shows the "PLAN DUE DATE: JULY 1 2023". A "DEVELOPMENT STATUS" section features a progress bar with four stages: "PLAN DEVELOPMENT" (yellow), "PLAN REVIEW" (purple), "PLAN ADOPTION" (purple), and "COMPLETED" (purple). Below this, a list of "PARTICIPATING JURISDICTIONS" includes Town of Arcadia, Bienville Parish, Unincorporated areas, Village of Lucky, Town of Mount Lebanon, Village of Bryceland, Town of Gibsland, Town of Ringgold, Village of Castor, Village of Jamestown, and Village of Saline. A calendar view shows two upcoming meetings: "2023 BIENVILLE PARISH HM KICKOFF MEETING" on May 3 and "2023 BIENVILLE PARISH INITIAL PLANNING COMMITTEE MEETING" on May 25. A "PREVIOUS PLANS" section for 2017 includes links to download the "BIENVILLE HM PLAN", "BIENVILLE PARISH KICK OFF MEETING", and "BIENVILLE PARISH PUBLIC MEETING". A "Survey" section at the bottom has a button labeled "Access Survey". The LSU logo is visible in the footer.



# 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

- Identify Neighboring Community
  - Claiborne was used in previous plan
- 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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