



Madison Parish Hazard Mitigation Plan Update Initial Planning Meeting

February 15th, 2024

Tallulah, LA



Introductions

- **Madison 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
- Specialize in providing programmatic support and decision making tools for state and local emergency managers
 - Hazard Mitigation Plans
 - Emergency Operations Plans
 - Geographic Information Systems
 - Application Development
 - Data Visualization
 - Aerial Imagery Collection/Processing





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!***

Federal HM Plan 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



HM 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
 - Include academia, private business/industry, and non-profit groups as stakeholders

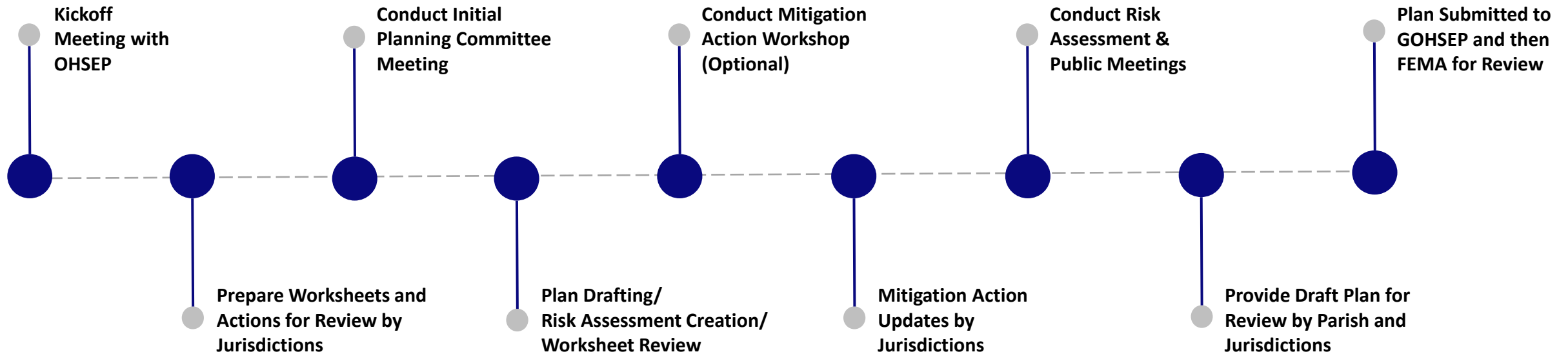


Hazard Mitigation Planning is a process that identifies natural hazard risks and develops strategies to reduce these risks.

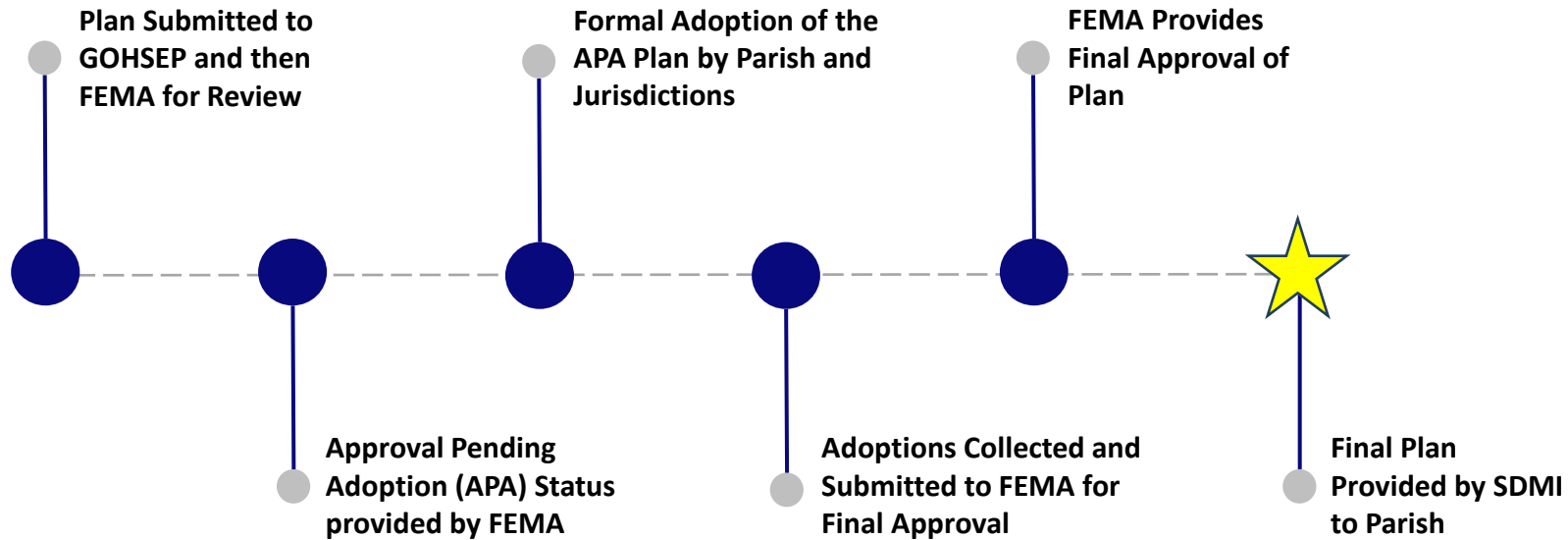


Plan Update Process

Plan Update Process Timeline



Plan Approval Timeline



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.

2024 MADISON PARISH MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

UNINCORPORATED MADISON PARISH,
DELTA, MOUND, RICHMOND, TALLULAH



Plan Development



Plan Layout

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

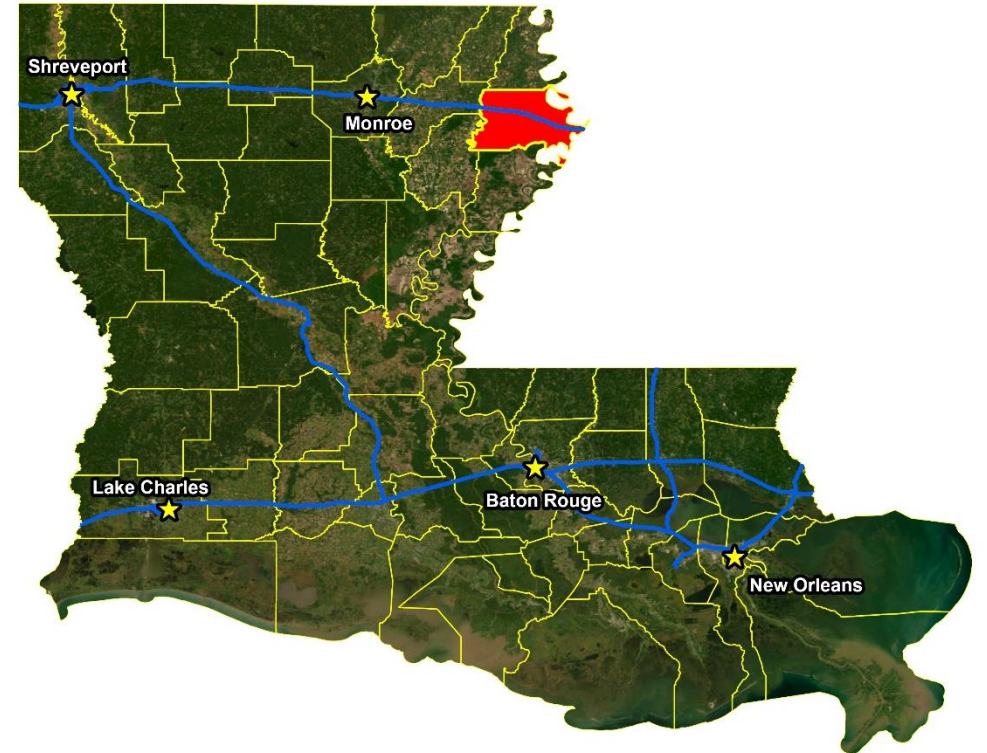


Plan Layout

- **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

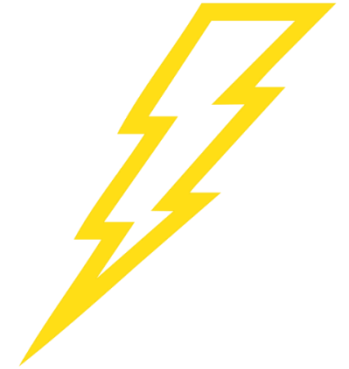
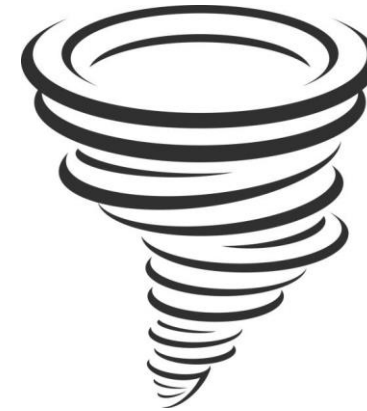


Section 2: Hazard Identification and Risk Assessment

- 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

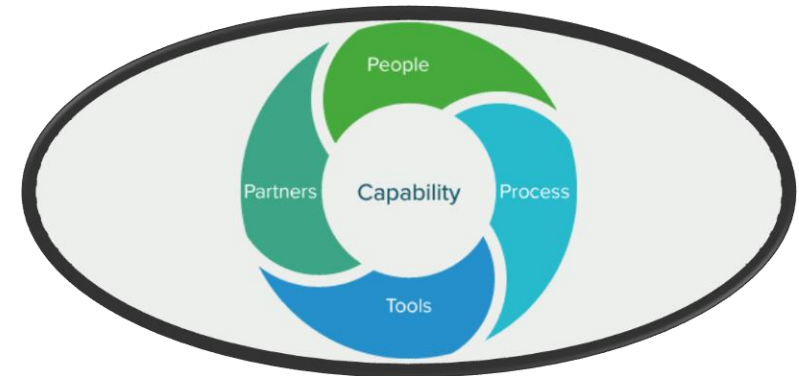
- Flooding
- Levee Failure
- Sinkholes
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Winter Weather



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

- Identify and pursue preventative measures that will reduce further damages from hazards
- Enhance public awareness and understanding of disaster preparedness
- Reduce repetitive flood losses in the parish
- Facilitate sound development in the parish to reduce or eliminate potential impacts of hazards

Section 4: Mitigation Strategies

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for 2024 Update for each jurisdiction



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

Unincorporated Madison Parish Mitigation Action Sheet						
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Status
MAD1: 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.	HGMP, BRIC, Local	1-5 years	Madison Parish Police Jury/ Madison Parish OHSEP	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones, Winter Weather	
MAD2: Drainage Improvements	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 problems, with closed roadways (loss of function). Saves public funds for road repairs, drainage ditch repairs, sandbagging and blocking of roadways during storm periods.	HGMP, BRIC, FMA, Local	1-5 years	Madison Parish Police Jury/Madison Parish OHSEP	Flooding, Tropical Cyclones	
MAD3: 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.	HGMP, BRIC, FMA, Local	1-5 years	Madison Parish Police Jury/ Madison Parish OHSEP	Flooding, Tropical Cyclones	
MAD4: Safe Room Projects	Construction of a safe room for first responders located in Madison Parish. Other locations will be identified based on funding availability.	HGMP, BRIC, Local	1-5 years	Madison Parish Police Jury/ Madison Parish OHSEP	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones, Winter Weather	
MAD5: Education and Outreach	Enhance the public outreach programs for the parish and all communities by increasing awareness of risks and safety for Flooding, Levee Failure, Sinkholes, Thunderstorms, Tornadoes, Tropical Cyclones, Winter Weather hazards as well as providing information on high risk areas. Informing communities, business and citizens on proper mitigation efforts and activities will create resiliency within the parish and its communities.	HGMP, BRIC, FMA, Local	1-5 years	Madison Parish Police Jury/ Madison Parish OHSEP	Flooding, Levee Failure, Sinkholes, Thunderstorms, Tornadoes, Tropical Cyclones, Winter Weather	

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 Madison 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 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

RESOLUTION NO. 19-05
A RESOLUTION OF THE VILLAGE OF DELTA
AUTHORIZING THE ADOPTION OF THE MADISON PARISH ALL-HAZARD MITIGATION PLAN

WHEREAS, all of Madison Parish has exposure to natural hazards that increase the risk to life, property, environment and the Parish's economy; and

WHEREAS, pro-active mitigation of known hazards before a disaster event can reduce or eliminate long-term risk to life and property; and

WHEREAS, the U.S. Congress passed a Disaster Mitigation Act of 2000 emphasizing the need for pre-disaster mitigation for potential hazards; and

WHEREAS, the Disaster Mitigation Act made available hazard mitigation grants to State and Local Governments; and

WHEREAS, an adopted Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

WHEREAS, the Madison Parish Office of Emergency Preparedness has completed a planning process assessing the risk and vulnerability to the impacts of natural hazards, develops a mitigation strategy consistent with the uniform goals and objectives, and creates a plan for implementing, evaluating and revising this strategy;

NOW, THEREFORE, BE IT RESOLVED that the Village of Delta;

- 1) Adopts, in its entirety, the Madison Parish All-Hazard Mitigation Plan (the "Plan") as the jurisdiction's Natural Hazard Mitigation Plan, and resolves to execute the actions identified in the Plan that pertain to this jurisdiction.
- 2) Will use the adopted and approved portions of the Plan to guide pre- and post-disaster mitigation of the hazards identified
- 3) Will coordinate the strategies identified in the Plan with other planning programs and mechanisms under its jurisdictional authority
- 4) Will continue its support and promote the mitigation successes of all participants in this plan
- 5) Will incorporate mitigation planning as an integral component of government and partner operations
- 6) Will provide an update of the Plan in conjunction with the Parish no less than every five (5) years

The motion was made by Billy Peebles and seconded by Katherine Davis
to adopt the Madison Parish Hazard Mitigation Plan.

PASSED AND ADOPTED on this 21 day of August, 2018, by the following vote:

Billy Peebles	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ABSENT	<input type="checkbox"/> ABSTAIN
Katherine Davis	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ABSENT	<input type="checkbox"/> ABSTAIN

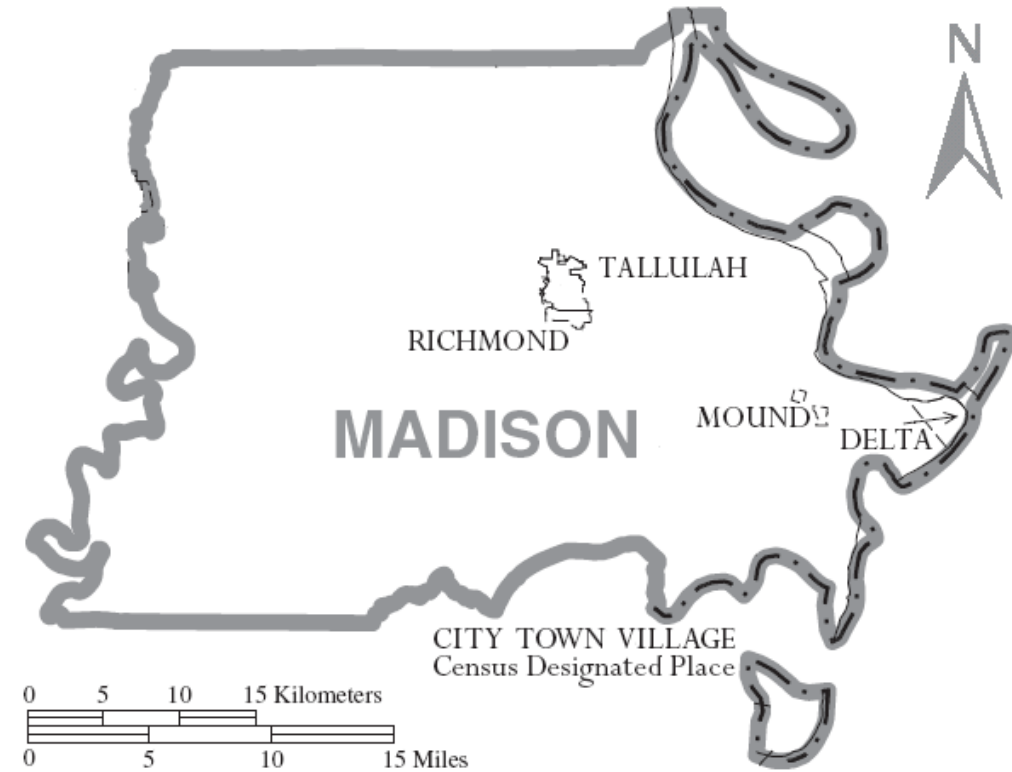
Marvin Ashley
Marvin Ashley, Mayor Village of Delta

ATTEST:
[Signature]
Village of Delta Secretary-Treasurer

Appendix E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

- Capability Assessment
- National Flood Insurance Program
- Building Inventory
- Vulnerable Populations



Capability Assessment

Capability Assessment Worksheet - Unincorporated Madison 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 that 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	Yes	
Transportation Plan	Yes	
Stormwater Management Plan	No	
Community Wildfire Protection Plan	No	
Other plans (redevelopment, recovery, coastal zone management)	No	
Building Code, Permitting and Inspections	Yes/No	Comments
Building Code	Yes	
Building Code Effectiveness Grading Schedule (BCEGS) Score	No	
Fire Department ISO/PIAL rating	7	
Site plan review requirements	Yes	
Land Use Planning and Ordinances	Yes/No	Comments
Zoning Ordinance	Yes	
Subdivision Ordinance	Yes	
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)

National Flood Insurance Program (NFIP)		
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



Building Inventory

Building Inventory - Unincorporated Madison Parish								
Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Contstruction Type
Fire Station	Fire Search and Rescue	209 Broadway Street	Delhi	32.44468649	-91.40994078			
Unknown Fire Station	Fire Search and Rescue	Nearby: Robinson Road	Delhi	32.24957985	-91.52411769			
Unknown Fire Station	Fire Search and Rescue	Nearby: Louisiana 577	Delhi	32.31645835	-91.48543864			
Louisiana Technical College	Education	Nearby: 701 North Chestnut Street	Tallulah	32.41395458	-91.18502219			
LSU Ag Center	Education	114 North Cedar Street	Tallulah	32.40810893	-91.18665212			
Tallulah Delta Christian Academy	Education	700 Wood Street	Tallulah	32.39820098	-91.17982711			
BSC Academy	Education	Nearby: 201-299 U.S. 80	Tallulah	32.4095413	-91.18965576			
Madison High School	Education	1234 North Madison Street	Tallulah	32.41907677	-91.19449475			
Tallulah High School	Education	None	Tallulah	32.40434816	-91.19280364			
Tallulah Elementary	Education	1100 Johnson Street	Tallulah	32.40086167	-91.18296372			
Wright Elementary School	Education	809 Wyche Street	Tallulah	32.41981514	-91.19576214			
Reuben McCall Senior High School	Education	800 Wyche Street	Tallulah	32.41914584	-91.19449587			
Madison Alternative School	Education	900 West Askew Street	Tallulah	32.41563524	-91.19920445			
Christian Acres	Education	200 Bailey Street	Tallulah	32.40933655	-91.17341074			
Madison Middle School	Education	1233 Madison High Drive	Tallulah	32.39837351	-91.20571059			
Madison Parish Jail	Prisons and Correctional Facilities	158 Treatment Plant Rd	Tallulah	32.40905114	-91.18710055			
Madison Parish Detention Center	Prisons and Correctional Facilities	158 Treatment Plant Rd	Tallulah	32.39341237	-91.20456881			
Madison Parish Courthouse	Civil Government	100 North Cedar Street	Tallulah	32.40828113	-91.18737826			
Madison Parish Port Commission	Civil Government	1603 Felicia Drive	Tallulah	32.3930882	-91.18349215			
Madison Parish School Board	Civil Government	301 South Chestnut Street	Tallulah	32.40630054	-91.18963117			
Madison Parish Teacher Training Center	Civil Government	1234 North Madison Street	Tallulah	32.40640141	-91.19040262			
Madison Voluntary Council On Aging	Civil Government	Nearby: 100-198 East Scott Street	Tallulah	32.40773508	-91.19152614			
Madison Parish Police Jury Maintenance Dept.	Civil Government	Nearby: Lee Street	Tallulah	32.39974632	-91.20257656			
Madison Parish Parent Resource Center	Civil Government	1234 North Madison Street	Tallulah	32.40646846	-91.19035506			
Madison Parish Hospital	Hospital or Medical Center	900 Johnson Street	Tallulah	32.40348857	-91.18488158			
Madison Parish DSS - Office of Social Services	Civil Government	Nearby: Felicia Drive	Richmond	32.39309259	-91.19196505			
Madison Parish DSS - Support Enforcement Services	Civil Government	Nearby: 1614 Felicia Drive	Richmond	32.39223629	-91.18566251			
Madison Parish DSS & DHH	Civil Government	Nearby: Felicia Drive	Richmond	32.39312332	-91.19237066			

Vulnerable Populations

Vulnerable Populations - Madison Parish					
All Hospitals (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
No Hospitals in Unincorporated Madison Parish					
Nursing Homes (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
No Nursing Homes in Unincorporated Madison Parish					
Mobile Home Parks					
Name	Street	City	Zip Code	Latitude	Longitude
No Mobile Home Parks in Unincorporated Madison Parish					



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_9KAI0IZ4wdG7Hwy



SDMI Hazard Mitigation Website

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



The screenshot displays the SDMI Hazard Mitigation Website for Madison Parish. The header includes the LSU logo, the text 'Stephenson Disaster Management Institute', and a 'SDMI HOME' button. The main navigation bar features 'HAZARD MITIGATION' and sub-links for 'Intro', 'Events', 'FEMA Resources', 'Parish Plans', and 'Settings'. The 'Parish Plans' link is highlighted.

The main content area is titled 'Madison Parish' and shows the 'PLAN DUE DATE: AUGUST 11 2024'. Below this, a 'DEVELOPMENT STATUS' section displays a progress bar with four stages: 'PLAN DEVELOPMENT' (yellow), 'PLAN REVIEW' (purple), 'PLAN ADOPTION' (purple), and 'COMPLETED' (purple). The 'PLAN DEVELOPMENT' stage is currently active, indicated by a white circle. Below the progress bar, a timeline shows 'KICKOFF MEETING NOV 2023' and 'TBD' for the other stages.

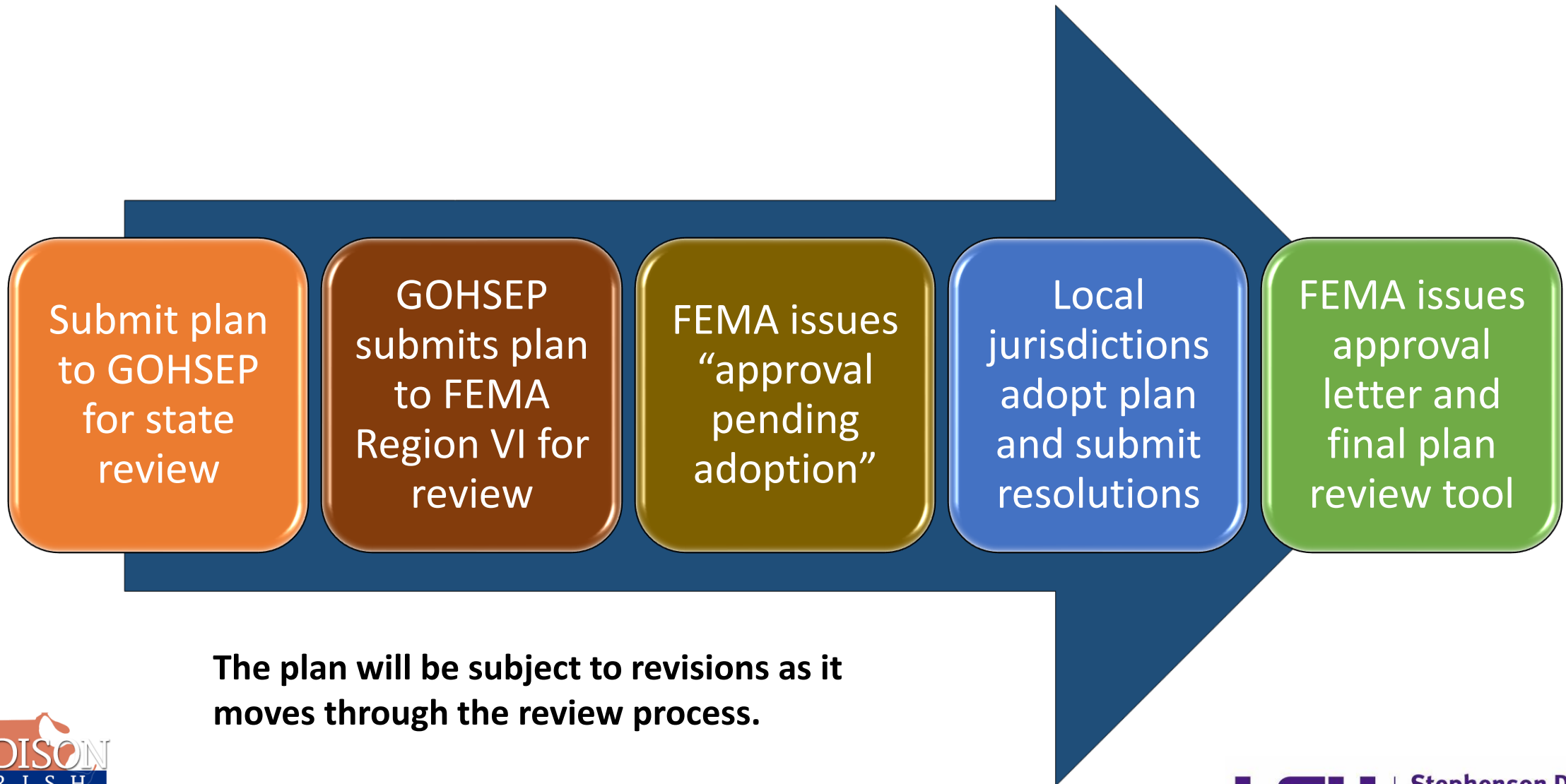
The 'PARTICIPATING JURISDICTIONS' section lists four entities: Village of Delta, Unincorporated Madison Parish, Village of Mound, and Village of Richmond. Below this, a calendar view shows two upcoming meetings: 'MADISON PARISH HM KICKOFF MEETING' on November 3, 2023, and 'MADISON PARISH INITIAL PLANNING COMMITTEE MEETING' on February 15, 2024.

The 'PREVIOUS PLANS' section displays three documents for 2019: 'MADISON HM PLAN', 'MADISON PARISH KICK OFF MEETING', and 'MADISON PARISH PUBLIC MEETING'. Each document has a 'DOWNLOAD' button.

The 'Survey' section features a button labeled 'Access Survey'.

The footer includes the LSU logo.

Plan Approval 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
 - East Carroll Parish was used in previous plan
- Parish seal/logo
- Worksheet and Mitigation Actions Due Dates
 - Current Expiration Date: August 11, 2024
- Dates for Next Meetings
 - Mitigation Action Workshop (Optional)
 - Risk Assessment Review with Committee
 - Public Meeting



Contact Us

Brant Mitchell, Director, CEM

bmitch9@lsu.edu

(225) 578-5939

Chris Rippetoe, HM Project Manager, CFM

crippe2@lsu.edu

(225) 578-6667

Jason Martin, Emergency Management Analyst

jmar293@lsu.edu

(225) 578-6264



