



Natchitoches Parish Hazard Mitigation Plan Update Initial Planning Meeting

October 11, 2022

Natchitoches, LA



Introductions

- **Natchitoches 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.



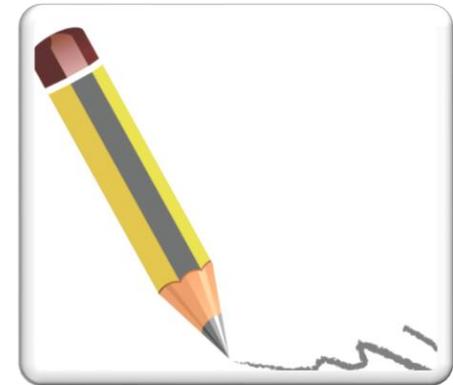


NATCHITOCHEs

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 Strategy
 - 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

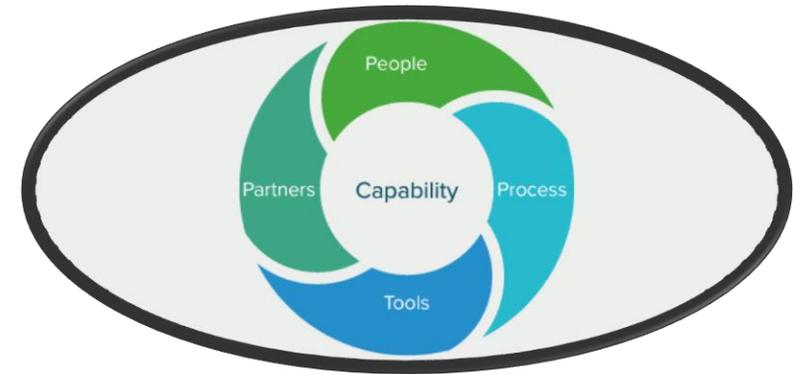
- Drought
- Flooding
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Storms



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 future damages from hazards
- Enhance public awareness and understanding of disaster preparedness
- Reduce repetitive flood losses in the Parish and municipalities
- Facilitate sound development in the Parish and municipalities so as to reduce or eliminate the potential impact of 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.

Natchitoches Unincorporated - New Mitigation Actions							
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Goal	Status
N1: 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	FEMA, Local	1-5 years	Natchitoches Parish OHSEP	Wind, Tropical Cyclone, Tornado	1,2,4	New
N2: 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	Natchitoches Parish OHSEP	Flooding, Wind, Tropical Cyclone	1,3,4	New
N3: 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	Natchitoches Parish OHSEP	Flooding, tropical cyclone	1,3,4	New
N4: Safe Room Projects	Construction of a safe room for first responders located in Natchitoches Parish. Other locations will be identified based on funding availability.	FEMA, Local	1-5 years	Natchitoches Parish OHSEP	Tornado, wind, tropical cyclone, wildfire	1,2	New
N5: Education and Outreach	Enhance the public outreach programs for the parish and all communities by increasing awareness of risks and safety for Flooding, Tropical Cyclone, tornados, wildfire, thunderstorms (lightning, high wind, hail), drought, and winter storm hazards as well as providing information on high risk	FEMA, Local	1-5 years	Natchitoches Parish OHSEP	Flooding, Tropical Cyclone, tornados, wildfire, thunderstorms (lightning, high wind, hail), winter storms, drought	1,2,3,4	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 Natchitoches 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



The following Resolution was introduced by Mr. Nielsen and Seconded by Mr. Harrington as follows, to-wit:

RESOLUTION 003 OF 2017
A RESOLUTION ADOPTING THE
NATCHITOCHES PARISH HAZARD MITIGATION PLAN 2016

WHEREAS, the Parish of Natchitoches has prepared a multi-hazard mitigation plan hereby known as the NATCHITOCHES PARISH HAZARD MITIGATION PLAN 2016 in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the Parish of Natchitoches has participated in the process to prepare a DMA compliant Hazard Mitigation Plan based in the FEMA guidance available in the How to Guides; and

WHEREAS, the Parish of Natchitoches is participating in the Hazard Mitigation Plan prepared by the Natchitoches Parish Government under the oversight of a Steering Committee comprised of Parish-Wide representatives; and

WHEREAS, Natchitoches Parish and local city 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 meeting notices, open meetings and availability of draft documents; and

WHEREAS, the Plan has been recommended for adoption by the steering committee; and

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

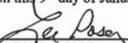
- Pre-Disaster Mitigation
- Hazard Mitigation Grant Program
- Flood Mitigation Assistance Program

NOW THEREFORE, BE IT RESOLVED, that the Natchitoches City Council does hereby adopt the Natchitoches Parish Hazard Mitigation Plan Update 2016.

This Resolution was then presented for a vote, and the vote was recorded as follows:

AYES:	Batiste, Nielsen, Mims, Harrington, Morrow
NAYS:	None
ABSENT:	None
ABSTAIN:	None

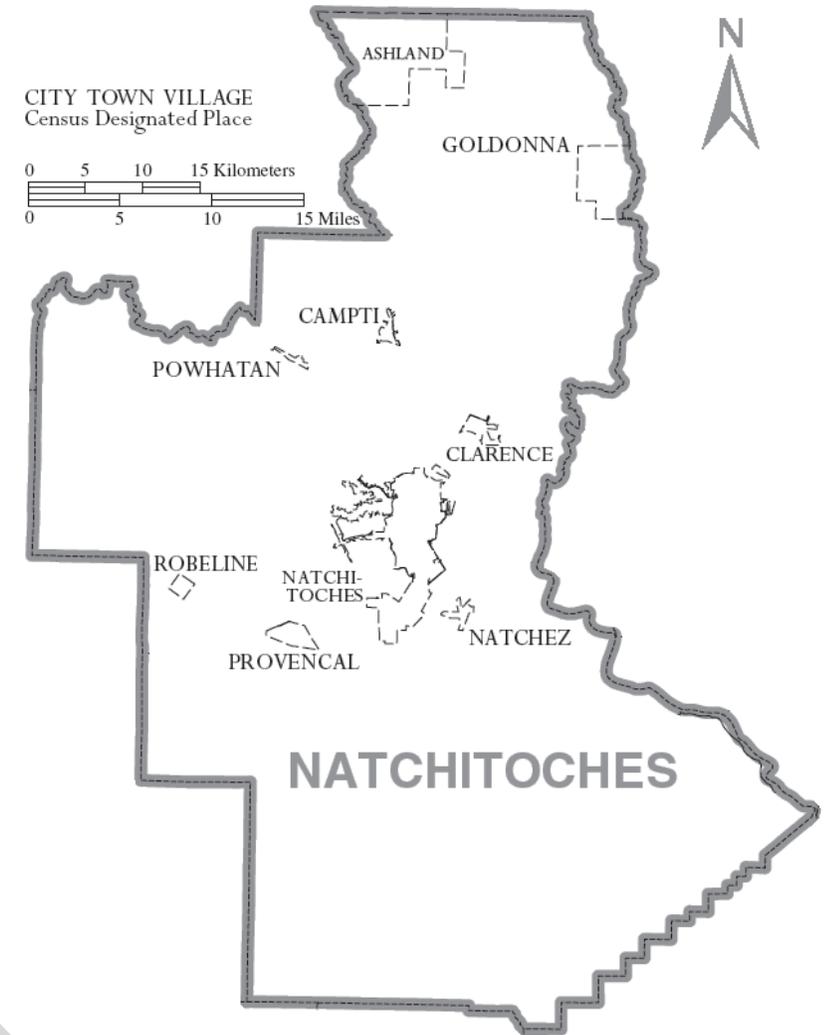
THEREUPON, Mayor Lee Posey declared the Resolution passed by a vote of 5 Ayes to 0 Nays on this 9th day of January, 2017.


LEE POSEY, MAYOR

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 - Natchitoches 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	No	
Economic Development Plan	Yes	
Local Emergency Operations Plan	Yes	
Continuity of Operations Plan	Yes	
Transportation Plan	No	
Stormwater Management Plan	No	
Community Wildfire Protection Plan	Yes	
Other plans (redevelopment, recovery, coastal zone management)	No	
Building Code, Permitting and Inspections		
Building Code	Yes	
Building Code Effectiveness Grading Schedule (BCEGS) Score	Yes	
Fire Department ISO/PIAL rating	Yes	
Site plan review requirements	No	
Land Use Planning and Ordinances		
Zoning Ordinance	No-Parish Gov	
Subdivision Ordinance	No-Parish Gov	

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) - Natchitoches 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?		

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



Building Inventory

Building Inventory - Natchitoches Parish

Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Cloutierville Elementary and Junior High School	Education	None	Cloutierville	31.53828249	-92.92153496			
Vacant School	Education	Nearby: 216-424 U.S. 71		31.96922709	-93.18612422			
Marthaville Elementary & Junior High School	Education	10800 Louisiana 120	Marthaville	31.74004662	-93.39883027			
Bethel Academy	Education	1316 Union Grove Church Road		31.85188933	-93.44078451			
Unknown	Fire Search and Rescue	Nearby: Emmanuel Road	Cloutierville	31.53384516	-92.9160056			
Unknown	Fire Search and Rescue	Nearby: Kisatchie National Forest	Flatwoods	31.43278363	-92.9394628			
Florien Volunteer Fire Department	Fire Search and Rescue	118 Par Road 64	Kisatchie	31.41561238	-93.1760643			
Unknown	Fire Search and Rescue	Nearby: 100-134 Louisiana 490	Lena	31.4527738	-92.88719857			
Natchitoches Parish Fire District 1 Station No. 5	Fire Search and Rescue	Nearby: Parish Road	Lena	31.50011737	-92.77966953			
Natchitoches Parish Fire District 7 Station	Fire Search and Rescue	Nearby: Louisiana 120	Marthaville	31.73843349	-93.3906251			
Natchitoches Parish Fire District 7 Station No. 4	Fire Search and Rescue	Nearby: 368 Louisiana 1221	Marthaville	31.78227248	-93.42222667			
Natchitoches Parish Fire District 7 Station No. 5	Fire Search and Rescue	Nearby: 100-158 Louisiana 487	Marthaville	31.87532057	-93.38721898			
Natchitoches Parish Fire District 2	Fire Search and Rescue	Nearby: Kisatchie National Forest	Saline	32.10330226	-92.99545638			
Natchitoches Fire Station	Fire Search and Rescue		Melrose	31.60333714	-92.97012098			
Fire Station	Fire Search and Rescue		Cypress	31.608314	-93.03012905			
Parish Trash Dump	Civil Government	Nearby: 1074-1268 Louisiana 153		32.11872022	-93.09655322			
Natchitoches Parish Dumpsite	Civil Government	Nearby: 189 Many Marthaville Road	Marthaville	31.73914822	-93.39778242			



Vulnerable Populations

Vulnerable Populations - Natchitoches Parish

All Hospitals (Private or Public)

Name	Street	City	Zip Code	Latitude	Longitude
*There are no hospitals in Unincorporated Natchitoches Parish					

Nursing Homes (Private or Public)

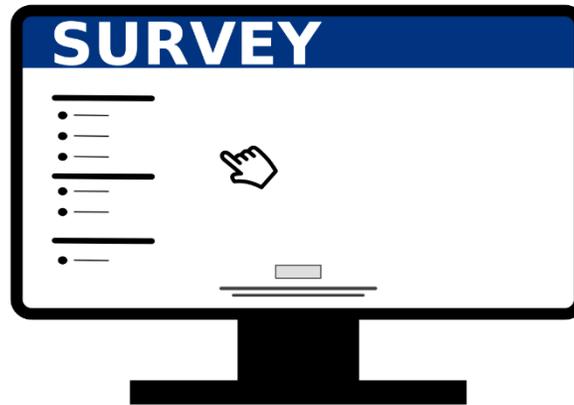
Name	Street	City	Zip Code	Latitude	Longitude
*There are no nursing homes in Unincorporated Natchitoches Parish					

Mobile Home Parks

Name	Street	City	Zip Code	Latitude	Longitude
Unknown	Nearby: 13605 Louisiana 1	Derry	71416	31.54273905	-92.95917877
Country Livin' RV Park	1115 Louisiana 174	Marthaville	71450	31.88228449	-93.37390134
Travis' RV Park	399 Mac D Craft Road	Mink	71468	31.42439944	-93.17950613
Unknown	115-117 Fred Bolton Road	Mora	71416	31.42081264	-93.00236587

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/NatchitochesHM2022>



SDMI Hazard Mitigation Website

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

The screenshot displays the website interface for Natchitoches Parish. At the top, the LSU Stephenson Disaster Management Institute logo is visible, along with a 'SDMI HOME' button and social media icons. The main navigation bar includes 'Home', 'Calendar', 'Mitigation Resources', and 'Parish Plans'. The page title is 'Natchitoches Parish' with a 'PLAN DUE DATE: APRIL 25 2022' indicator.

The 'DEVELOPMENT STATUS' section features a progress bar with four stages: 'PLAN DEVELOPMENT' (orange), 'PLAN REVIEW' (purple), 'PLAN ADOPTION' (purple), and 'COMPLETED' (purple). Below the progress bar, the status for each stage is listed: 'COORDINATION ISSD' (orange), 'TBD' (purple), 'TBD' (purple), and 'TBD' (purple).

The 'PARTICIPATING JURISDICTIONS' section lists several entities:

- Unincorporated Natchitoches Parish
- Village of Ashland
- Town of Campti
- Village of Clarence
- Village of Goldonna
- Village of Natchez
- City of Natchitoches
- Village of Powhatan
- Village of Provencal
- Village of Robeline

The 'PREVIOUS PLANNING RESOURCES' section is titled '2016' and contains three download buttons for:

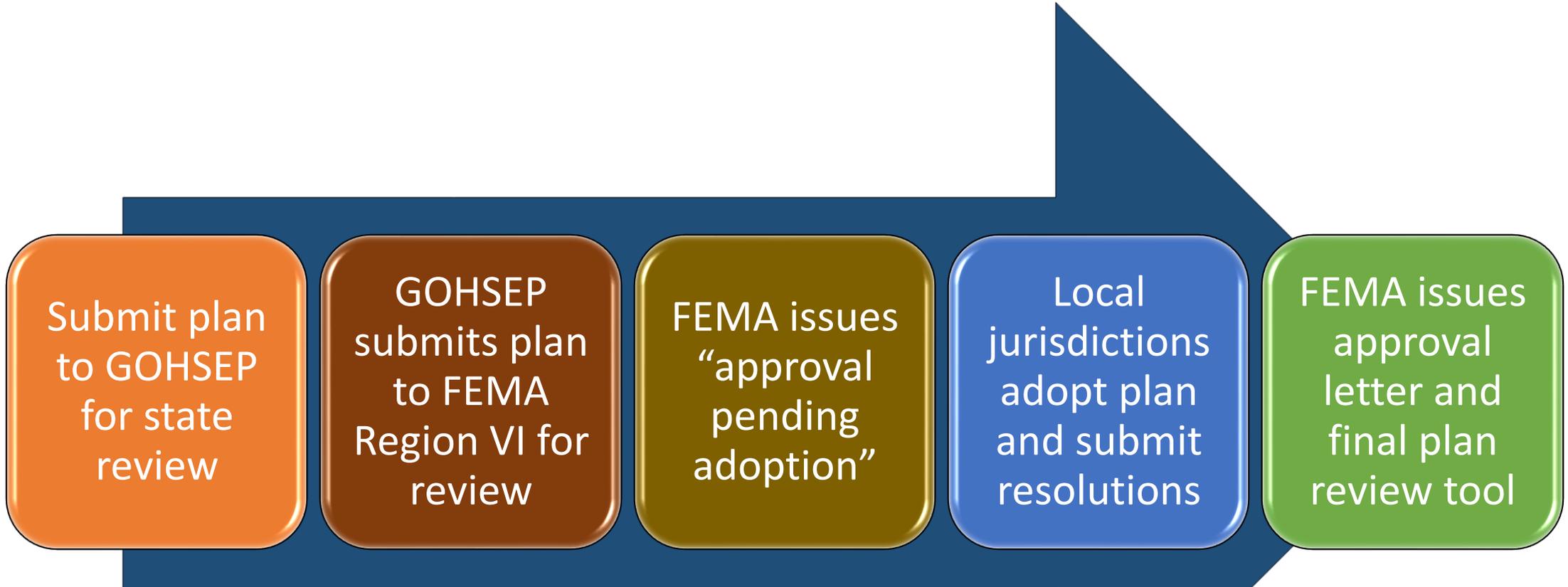
- NATCHITOCHES HM PLAN
- NATCHITOCHES PARISH KICK OFF MEETING
- NATCHITOCHES PARISH PUBLIC MEETING

The 'SURVEY' section includes a link to 'ACCESS NATCHITOCHES SURVEY HERE:' and a button for 'NATCHITOCHES PARISH PUBLIC OPINION SURVEY'.

The LSU logo is located 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
- 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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