



Acadia Parish Hazard Mitigation Plan Update Initial Planning Meeting

December 21, 2022

Crowley, LA

Introductions

- **Acadia Parish OHSEP Director/Planning Committee**
- **Stephenson Disaster Management Institute (SDMI) at LSU**
 - Chris Rippetoe – Hazard Mitigation Program Manager
 - Ashleigh Dozier – Emergency Management Specialist
- **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



ACADIA PARISH
OFFICE OF HOMELAND SECURITY
AND EMERGENCY PREPAREDNESS

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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

CODE OF FEDERAL REGULATIONS

44

Revised as of October 1, 2018

Emergency Management
and
Assistance

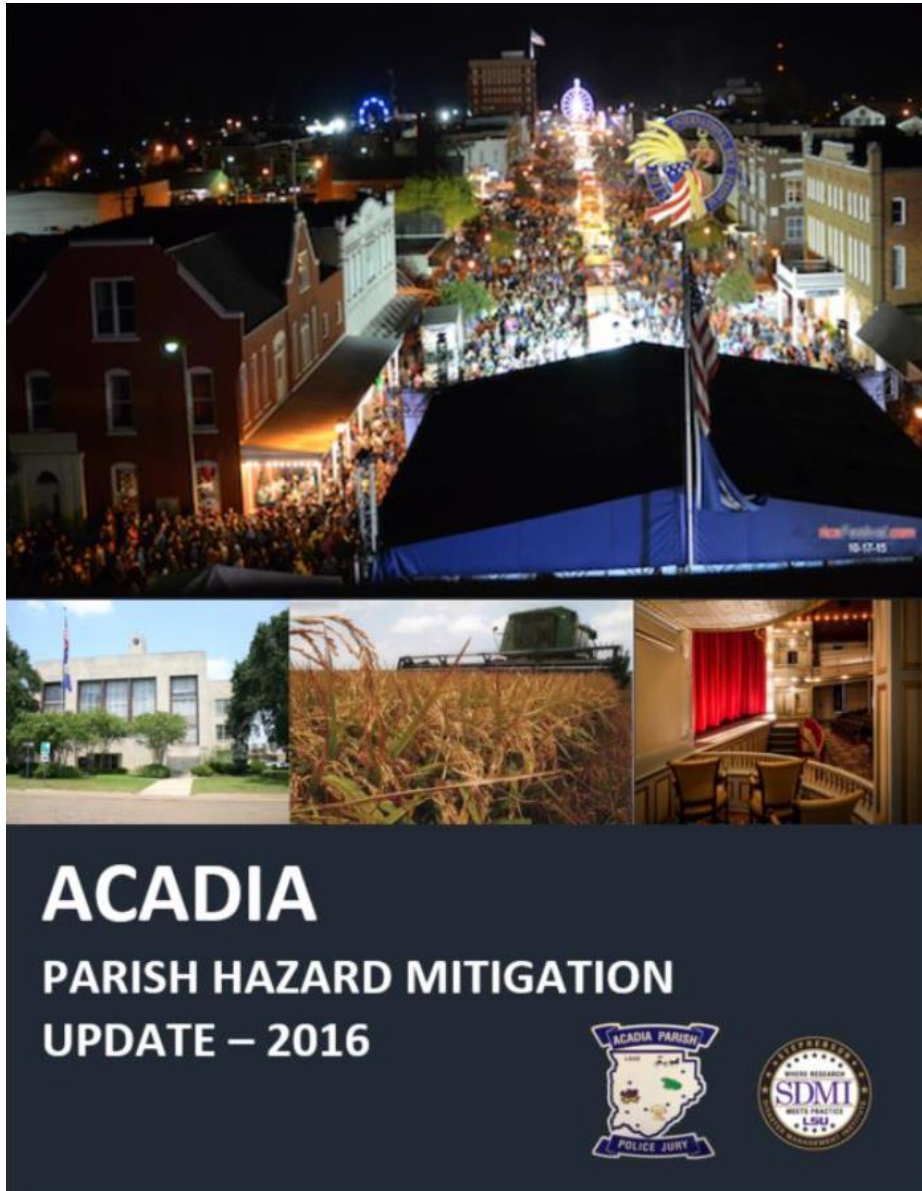
- Disaster Mitigation Act of 2000 (DMA 2000)
 - **Section 322** of the Act specifically addresses mitigation planning and requires state and local governments to prepare multi-hazard mitigation plans as a precondition for receiving FEMA mitigation project grants.
- Title 44 Code of Federal Regulations (CFR) §201.6 for FEMA approval and eligibility to apply for FEMA Hazard Mitigation Assistance



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

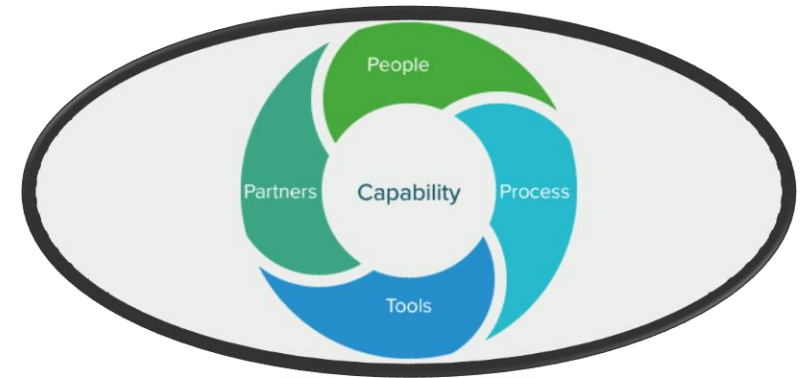
- Drought
- **Excessive Heat**
- Flooding
- **Sinkholes**
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Winter Weather



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 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 2023 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	Goal	Status
A1: Building Retrofits	Retrofit public buildings exterior shell to maintain use during and after storm events. Benefits: Reduces	FEMA, Local	1-5 years	Acadia Parish OHSEP	High Winds, Tropical Cyclones, Tornadoes	1,2	New
A2: 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	FEMA, Local	1-5 years	Acadia Parish OHSEP	Flooding, High Winds, Tropical Cyclones	1,2,3,4	New
A3: 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	FEMA, Local	1-5 years	Acadia Parish OHSEP	Flooding, Tropical Cyclones	1,2,3,4	New
A4: Safe Room Projects	Construction of a safe room for first responders located in Acadia Parish.	FEMA, Local	1-5 years	Acadia Parish OHSEP	Tornadoes, High Winds, Tropical	1	New
A5: Education and Outreach	Enhance the public outreach programs for the parish and all communities by increasing awareness of risks and safety for flooding, tropical cyclones, tornadoes, thunderstorms (lightning, high wind, hail), drought,	FEMA, Local	1-5 years	Acadia Parish OHSEP	Flooding, Tropical Cyclones, Tornadoes, Thunderstorms (Lightning, High Winds, Hail), Winter Storms, Drought	1,2,3	New
A6: Generators for continuity of operations and government	Procurement and installation of generators at public facilities to ensure continued operations during	FEMA, Local	1-5 years	Acadia Parish OHSEP	Tornadoes, Winter Storms, Tropical Cyclones,	1	New
A7: Lightning Mitigation	Procurement and installation of lightning rods and surge protectors for	FEMA, Local	1-5 years	Acadia Parish OHSEP	Lightning	1	New
A8: Warning Systems	Update/upgrade public warning system components throughout	FEMA, Local	1-5 years	Acadia Parish OHSEP	Winter Storms, Tornadoes, Tropical	1,2	New
A9: Potable Water	Create redundancy of potable water supply to critical facilities, especially hospitals in Parish, and provide	FEMA, Local	1-5 years	Acadia Parish OHSEP	Tropical Cyclones, Thunderstorms (Lightning, High	1,2	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 Acadia Parish OHSEP Director.
- Assign responsible parties for review and edits of the plan



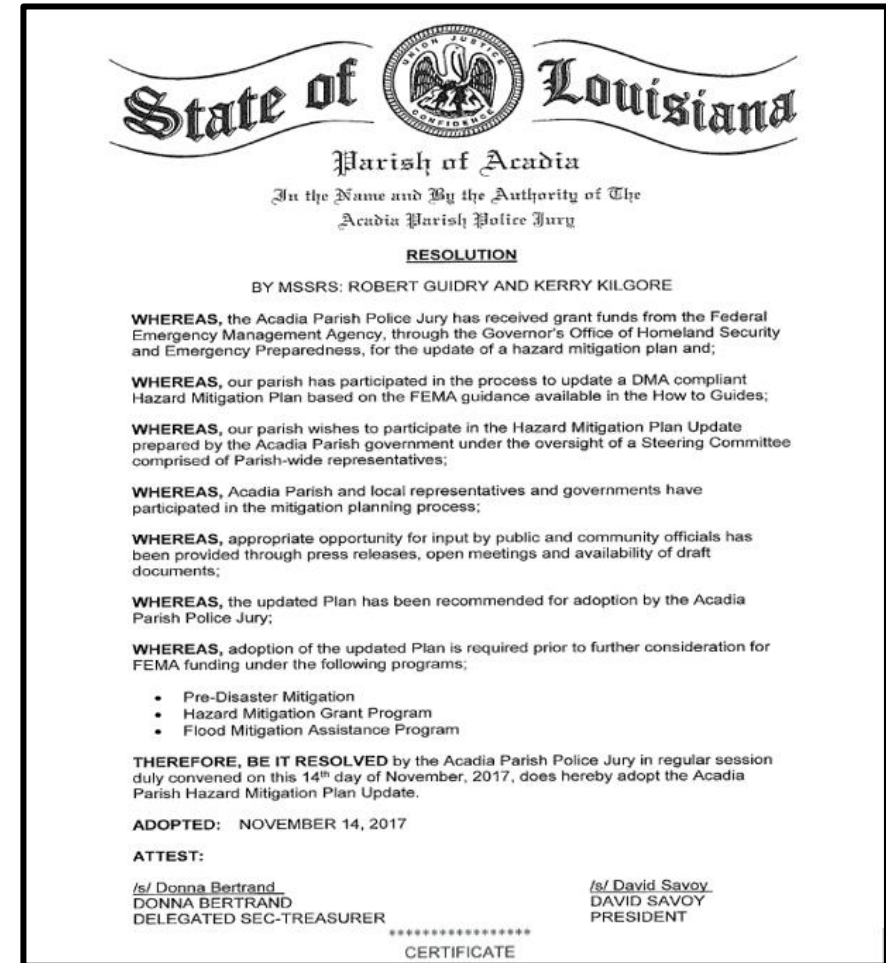
Appendix C: Critical Facilities

- 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

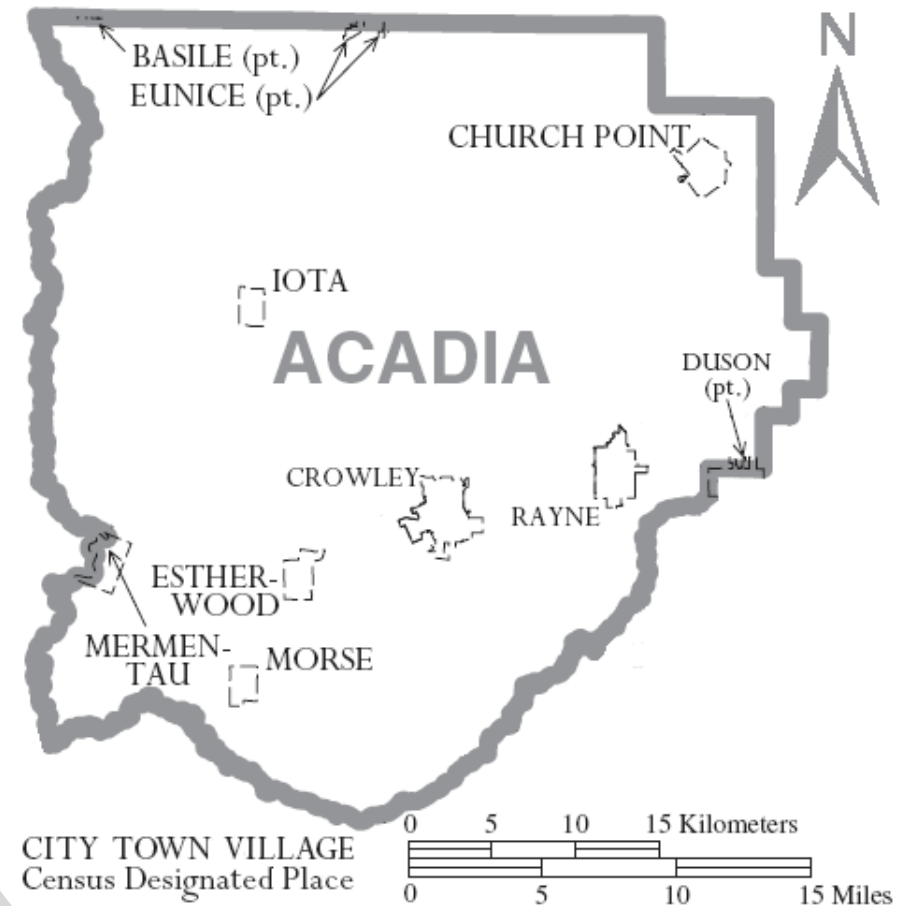
- Parish council and city council resolutions must be adopted, signed, and placed into the final planning document – **AFTER the plan is issued APA.**
- Templates can be provided if needed
- As a planning team member, be aware of the policies for your jurisdiction



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 - Acadia 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	No	
Capital Improvements Plan	Yes	
Economic Development Plan	Yes	
Local Emergency Operations Plan	Yes	
Continuity of Operations Plan	No	
Transportation Plan	No	
Stormwater Management Plan	Yes	
Community Wildfire Protection Plan	No	
Other plans (redevelopment, recovery, coastal zone management)		
Building Code, Permitting and Inspections		
Building Code	Yes	IRC & IBC
Building Code Effectiveness Grading Schedule (BCEGS)		
Score	No	
Fire Department ISO/PIAL rating	Yes	PIAL Parishwide
Site plan review requirements	No	
Land Use Planning and Ordinances		
Zoning Ordinance	Yes	
Subdivision Ordinance	Yes	
Floodplain Ordinance	Yes	
Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire)	No	
Flood Insurance Rate Maps	Yes	2010
Acquisition of land for open space and public recreation uses	Yes	
Other		
Administration and Technical		

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) - Acadia 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 within 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

Critical Facility (If Yes, Mark X)	Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Acadia Unincorporated									
	Branch Elementary	Education	Branch	Branch	30.3488951	-92.26981496	\$3,782,295.00	1937	Concrete
	Egan Elementary	Education	Egan	Egan	30.23603175	-92.51039056	\$4,436,370.00	1953	Concrete
	Evangeline Elementary	Education	1448 Old Evangeline Highway	Evangeline	30.26507125	-92.57027539	\$5,263,515.00	1967	Concrete
X	Branch Vol Fire Department	Fire Search and Rescue	173 Doctor Parrot Avenue	Branch	30.34592714	-92.26735571	\$310,800.00	1977	Metal
X	Acadia Fire District 6	Fire Search and Rescue	104 West Hutchinson Avenue	Branch	30.34871032	-92.35099463	\$532,710.00	2000	Concrete
X	Egan Volunteer Fire Department	Fire Search and Rescue	2340 Egan Highway	Egan	30.23631962	-92.50675557	\$371,325.00	1980	Metal
X	Acadia Evangeline Fire District	Fire Search and Rescue	1st Street	Eunice	30.41468462	-92.55107022	\$91,355.00	1997	Metal
X	Acadia Parish Fire District 4	Fire Search and Rescue	100 Park Avenue	Eunice	30.46965772	-92.38341087	\$803,790.00	2006	Concrete



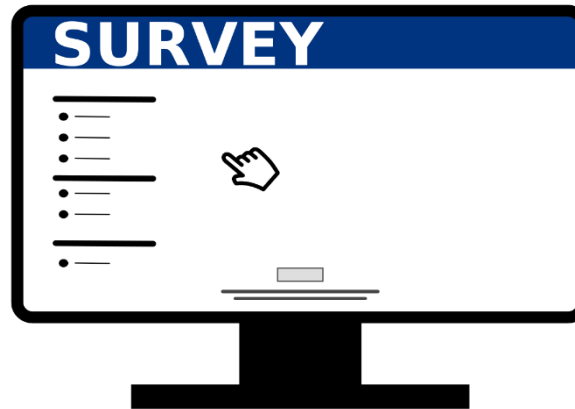
Vulnerable Populations

Vulnerable Populations - Acadia Parish					
All Hospitals (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
Acadia General	Crowley Rayne Hwy	Crowley	70526		
Acadia St. Landry	S. Broadway	Church Point	70525		
Compass Behavioral Center	N. Ave. I	Crowley	70526		
Crowley Rehab Hospital	N. Ave. L	Crowley	70526		
Nursing Homes (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
Acadia St. Landry	S. Broadway	Church Point	70525		
Camelot Place	Crowley Rayne Hwy.	Crowley	70526		
Encore	Crowley Rayne Hwy.	Crowley	70526		
Southward	Crowley Rayne Hwy.	Crowley	70526		
Rayne Guest Home	Amelia	Rayne	70578		
Mobile Home Parks					
Name	Street	City	Zip Code	Latitude	Longitude
*There are no mobile home parks in Unincorporated Acadia 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://www.surveymonkey.com/r/AcadiaHM2022>

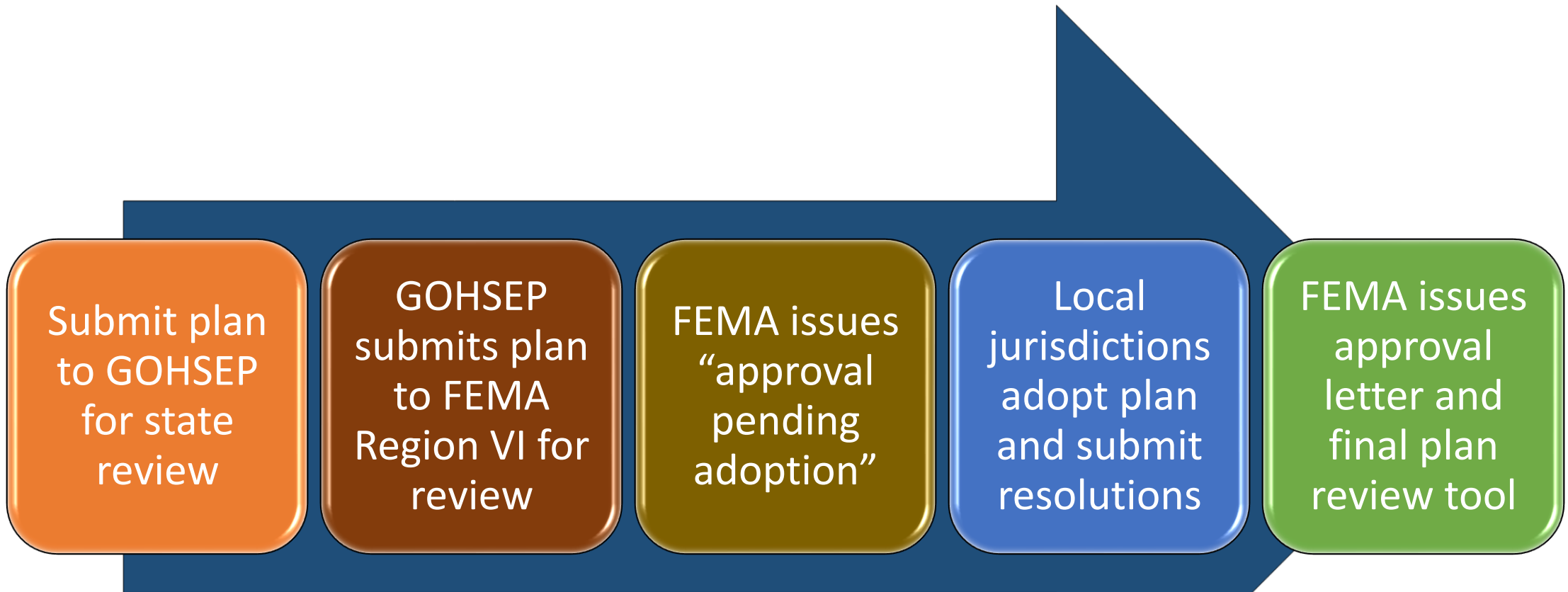


SDMI Hazard Mitigation Website

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

The screenshot displays the 'Acadia Parish' page on the 'HAZARD MITIGATION' website. The header includes the LSU logo and 'Stephenson Disaster Management Institute'. A navigation bar shows 'Home', 'Calendar', 'Mitigation Resources', and 'Parish Plans'. The main content area features a 'PLAN DUE DATE: DECEMBER 10 2022' badge. Below this is a 'DEVELOPMENT STATUS' section with a progress bar showing four stages: 'PLAN DEVELOPMENT' (orange), '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, the status for each stage is listed as 'COORDINATION TBD', 'TBD', 'TBD', and 'TBD'. The 'PARTICIPATING JURISDICTIONS' section lists several entities: Unincorporated Acadia Parish, City of Rayne, Town of Church Point, Town of Iota, City of Crowley, Village of Mermentau, Village of Estherwood, and Village of Morse. The 'PREVIOUS PLANNING RESOURCES' section shows three documents from 2016: 'ACADIA PARISH KICK-OFF MEETING', 'ACADIA PARISH PUBLIC MEETING', and 'ACADIA FINAL PLAN', each with a 'DOWNLOAD' button. The 'SURVEY' section includes a link to 'ACCESS ACADIA SURVEY HERE:' and a button for 'ACADIA PARISH PUBLIC OPINION SURVEY'. The footer features the LSU logo.

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.
 - Assessment of natural disaster-related risks and vulnerabilities
 - A hazard mitigation project strategy for each jurisdiction
 - A comprehensive list of parish and jurisdiction owned properties

Next Steps

- Identify Neighboring Community
 - Evangeline and Vermillion were previously used
- 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

Brant Mitchell, SDMI Director, CEM

bmitch9@lsu.edu

(225) 578-5939

Chris Rippetoe, HM Project Manager, CFM

crippe2@lsu.edu

(225) 578-6667

Ashleigh Dozier, Emergency Management Specialist

ashleighd@lsu.edu

(225) 578-6057

