



East Carroll Parish Hazard Mitigation Plan Update

June 7, 2022

Lake Providence, LA

Introductions

- SDMI Staff
- East Carroll OHSEP and Parish Officials
- Mitigation Steering Committee Members
- GOHSEP

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;
- 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.



**EAST CARROLL
PARISH HAZARD MITIGATION
UPDATE – 2016**



Plan Development

Plan Layout

- **Section 1: Introduction**
 - Update demographic and economic information
 - 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

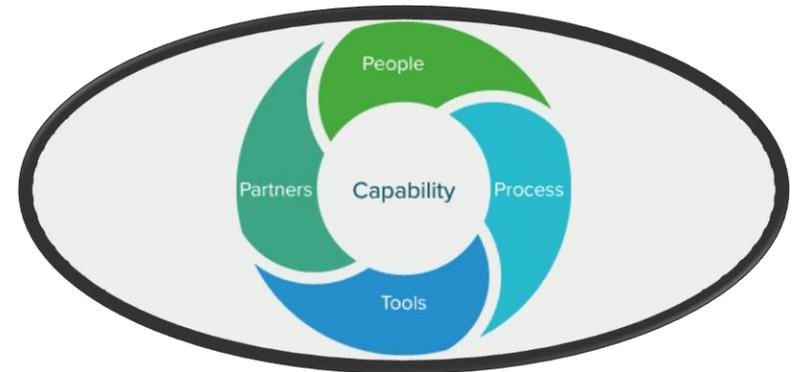
- Drought
- Flooding
- Levee Failure
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Weather



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 Strategy

Goals

- Protect life and property
- Ensure emergency services
- Increase public preparedness
- Establish and strengthen partnerships for implementation
- Preserve or restore natural resources
- Promote a sustainable economy
- Improve data collection, use, and sharing to reduce the risk from disasters

Section 4: Mitigation Action Update and New Mitigation Actions

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for each jurisdiction in 2022 Update



** We will discuss Mitigation Actions with the Planning Committee at a later date.

East Carroll Unincorporated Action Update							
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Goal	Status
E1: 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	1-5 years	East Carroll Parish OHSEP	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones, Winter Weather	1, 2, 6	
E2: 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 HMGP	1-5 years	East Carroll Parish OHSEP	Flooding, Tropical Cyclones	1, 2, 6	
E3: 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	1-5 years	East Carroll Parish OHSEP	Dam Failure, Flooding, Levee Failure, Tropical Cyclones	1, 2, 5, 6	
E4: Safe Room Projects	Construction of a safe room for first responders located in East Carroll Parish. Other locations will be identified based on funding availability.	FEMA HMGP	1-5 years	East Carroll Parish OHSEP	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones, Wildfires, Winter Weather	1, 2, 6	
E5: Education and Outreach	Enhance the public outreach programs for the parish and all communities by increasing awareness of risks and safety through mail outs and training opportunities for Dam Failure, Drought, Flooding, Levee Failure, Thunderstorms, Tornadoes, Tropical Cyclone, Wildfires, 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.	FEMA HMGP	1-5 years	East Carroll Parish OHSEP	Dam Failure, Drought, Flooding, Levee Failure, Thunderstorms, Tornadoes, Tropical Cyclone, Wildfires, Winter Weather	1, 2, 3, 4, 5, 6, 7	

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
- Steering committee members identified

Appendix B: Plan Maintenance

- Review of HM plan **annual** maintenance by the East Carroll 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 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

UNITED STATES OF AMERICA
STATE OF LOUISIANA
PARISH OF EAST CARROLL

RESOLUTION

A RESOLUTION ADOPTING THE
EAST CARROLL PARISH HAZARD MITIGATION PLAN 2016

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

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

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

WHEREAS, East Carroll Parish and local city representatives and governments have participated in the mitigation planning process;

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

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

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

Therefore, the East Carroll Parish Police Jury does hereby adopt the East Carroll Parish Hazard Mitigation Plan Update 2016.

ADOPTED by a vote of 4 in favor and 0 against, and 0 abstaining, and 1 absent, on this the 13th day of September, 2016.

S. Lee Denny
S. Lee Denny, President

ATTEST:
Natasha G. Davis
Natasha G. Davis, Secretary-Treasurer

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		
East Carroll Unincorporated		
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	YES	
Local Emergency Operations Plan	YES	5 YEARS
Continuity of Operations Plan	YES	ANNUAL
Transportation Plan	YES	AS NEEDED
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	YES	PARRISH AND TOWN EACH HAS OWN PLAN
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	YES	
Other		
Administration and Technical		
Identify whether your community has the following administrative and technical capabilities. For smaller jurisdictions without local staff resources, if there are public resources at the next higher level government that can provide technical assistance, indicate so in your comments.		
Administration	Yes / No	Comments
Planning Commission	NO	
Mitigation Planning Committee	YES	Pemac Committee
Maintenance programs to reduce risk (tree trimming, clearing drainage systems)	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)		
East Carroll Unincorporated		
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 _____ge?		
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?		
Regulation		Comments
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?		
Community Rating System (CRS)		Comments
Does the community participate in CRS?		
What is the community's CRS Class Ranking?		
Does the plan include CRS planning requirements?		

- Local and/or parish floodplain managers can typically access this information



Building Inventory

East Carroll Parish Owned Building Information									
East Carroll Parish									
Critical Facility (If Yes, Mark X)	Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
	Delta Economic Energy District	Civil Government	Nearby: 308 1st Street	Lake Providence	32.80332882	-91.17004704			
X	East Carroll Parish Courthouse	Civil Government	400 1st Street #6	Lake Providence	32.80377722	-91.17338154			
X	East Carroll Parish Police Jury Complex	Civil Government	400 1st Street	Lake Providence	32.80375692	-91.17328359			
	East Carroll Council on Aging	Civil Government	600 1st Street	Lake Providence	32.80420743	-91.17533157			
X	East Carroll Parish School Board	Civil Government	514 3rd St.	Lake Providence	32.80221193	-91.17539525			
	East Carroll Department of Social Services	Civil Government	209 North Hood Street	Lake Providence	32.81126748	-91.18781618			
X	East Carroll Parish Sheriff's Office	Law Enforcement	400 1st St.	Lake Providence	32.8038657	-91.17179038			
X	East Carroll Detention Center	Prisons and Correctional Facilities	219 Hollybrook Road	Hollybrook	32.73558481	-91.18332586			
X	Riverbend Detention Center	Prisons and Correctional Facilities	9450 U.S. 65	Lake Providence	32.77810019	-91.179297			
	East Carroll Ambulance Service	Emergency Medical Services	505 Lake Street	Lake Providence	32.80667137	-91.17371972			
X	East Carroll Parish Hospital	Hospital or Medical Center	336 N. Hood Street	Lake Providence	32.81054171	-91.1723643			
X	East Carroll Health Unit	Public Health	407 2nd St.	Lake Providence	32.80322743	-91.1732875			
X	Highland Fire Station	Fire Search and Rescue	5052 U.S. 65	Shelburn	32.87177143	-91.22560561			
X	Transylvania Fire Station	Fire Search and Rescue	311 Sparrow Street	Transylvania	32.67824296	-91.18324321			
X	Elmwood Fire Station	Fire Search and Rescue	4361 Lanes Ferry Road		32.74754256	-91.33931053			
X	Lanes Ferry Fire Station	Fire Search and Rescue	9220 Louisiana 2		32.85962897	-91.3375953			
X	Bowie Fire Station	Fire Search and Rescue	4037 Hwy 134		32.74013175	-91.27335194			
X	Southside Elementary School	Education	1307 Gould Blvd	Lake Providence	32.79506061	-91.18501689			
X	Griffen Middle Academy	Education	1205 Charles Jones Blvd	Lake Providence	32.79610749	-91.18506346			
X	General Trass High School	Education	700 Martin Luther King Drive	Lake Providence	32.80085618	-91.17713082			

Vulnerable Populations

Vulnerable Populations Worksheet					
East Carroll Parish					
All Hospitals (Private or Public)	Street	City	Zip Code	Latitude	Longitude
East Carroll Parish Hospital	336 N. Hood St	Lake Providence	71254	32.81055	-91.17238
Nursing Homes (Private or Public)	Street	City	Zip Code	Latitude	Longitude
Shady Lake Nursing & Rehabilitation Center	5976 Hwy 65	Lake Providence	71254	32.84683	-91.225066
Mobile Home Parks	Street	City	Zip Code	Latitude	Longitude
None					

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/EastCarrollHM2022>

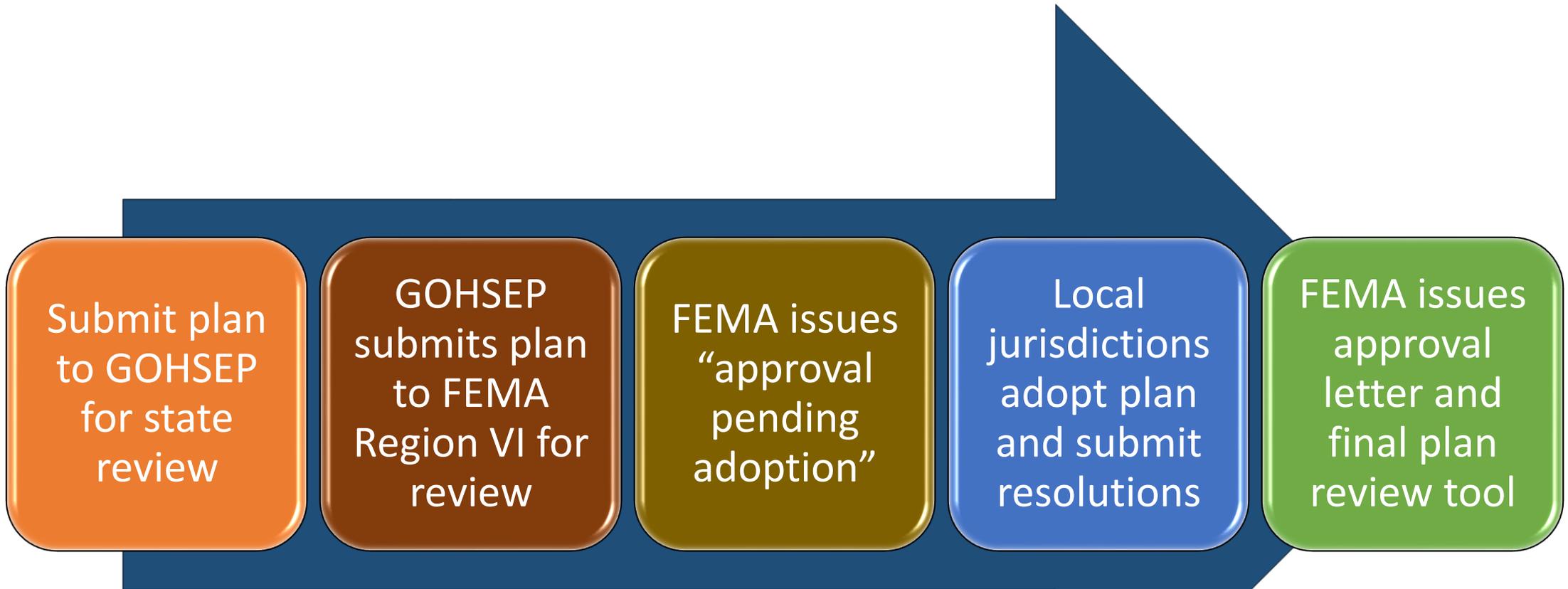


SDMI Hazard Mitigation Website

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

The screenshot displays the website interface for the East Carroll Parish Hazard Mitigation Plan. At the top, the LSU Stephenson Disaster Management Institute logo is visible, along with a navigation bar containing 'Home', 'Calendar', 'Mitigation Resources', and 'Parish Plans'. A yellow banner reads 'HAZARD MITIGATION'. Below this, the page title 'East Carroll Parish' is shown next to a 'PLAN DUE DATE: OCTOBER 13 2021' box. A 'DEVELOPMENT STATUS' section features 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 JAN 2022' under 'PLAN DEVELOPMENT', and 'TBD' (To Be Determined) for the other stages. A 'PARTICIPATING JURISDICTIONS' section lists 'Unincorporated East Carroll Parish' and 'Town of Lake Providence'. A calendar widget shows 'JAN 18' for the 'EAST CARROLL KICKOFF MEETING' on Zoom from 10:00 AM to 10:30 AM on 1/18/2022. A 'PREVIOUS PLANNING RESOURCES' section for the year 2016 includes three download buttons for 'EAST CARROLL HM PLAN', 'EAST CARROLL PARISH KICK OFF MEETING', and 'EAST CARROLL PARISH PUBLIC MEETING'.

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
- 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

Jessie Kirkpatrick, Emergency Management Specialist

cjenk29@lsu.edu

