



# Richland Parish Hazard Mitigation Plan Update

November 9, 2022

Rayville, LA



# Introductions

- **Richland 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.

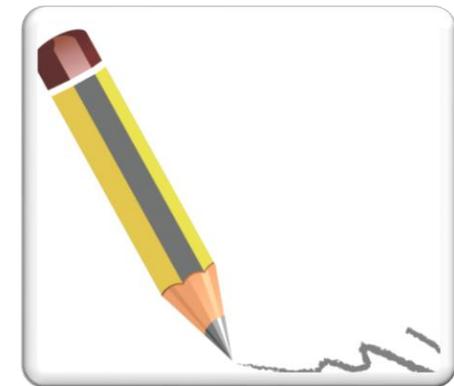


# Plan Development



**RICHLAND**

**PARISH HAZARD MITIGATION  
UPDATE – 2016**



# 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
  - Update to Previous Actions
  - New Actions
  - Survey results



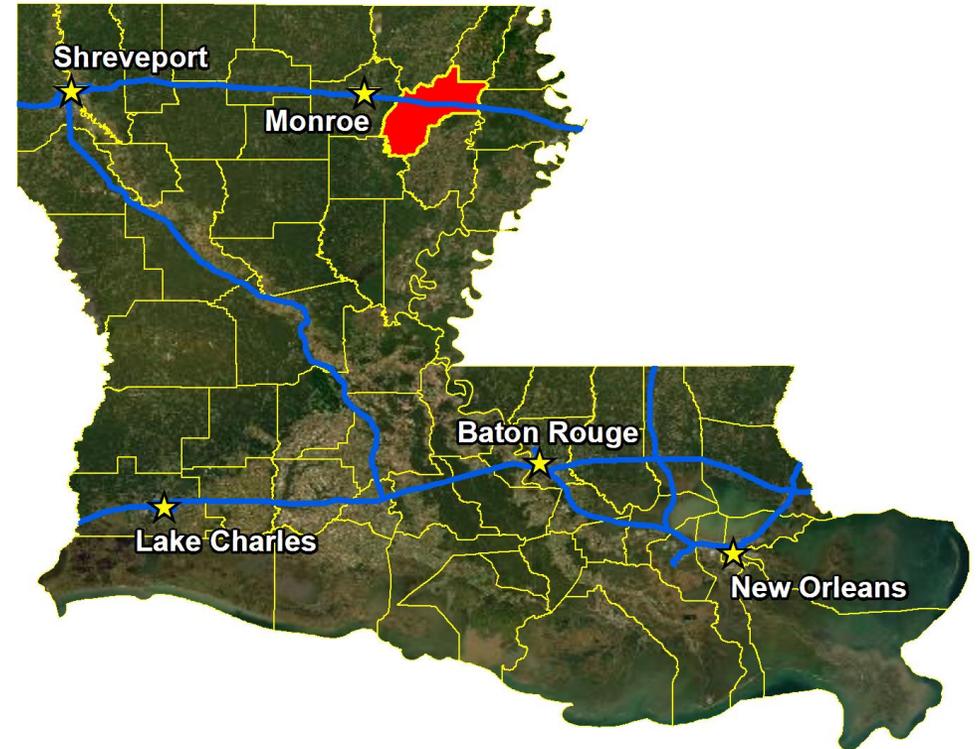
# Plan Layout

- **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

- 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

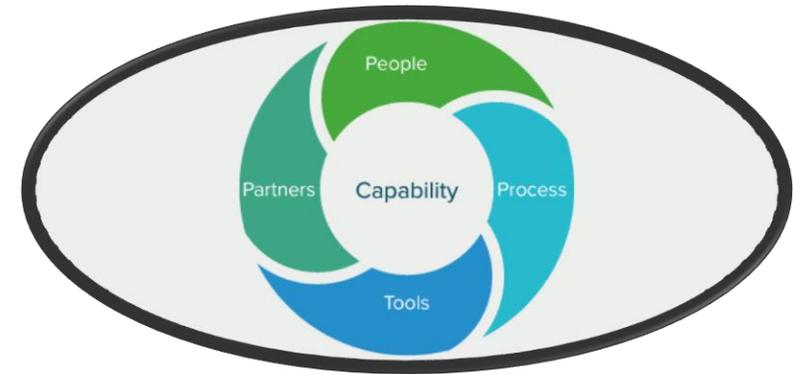
- Dam Failure
- Drought
- Flooding
- Levee Failure
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Winter Weather



# 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 towns
- Facilitate sound development in the parish and towns to reduce or eliminate hazard damages
- Improve data collection, use, and sharing



# Section 4: Mitigation Strategies

- Mitigation Action Update for previous actions/projects
- New Mitigation Actions Identification for 2022 Update for each jurisdiction



Richland Unincorporated - New Mitigation Actions							
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Goal	Status
R1: 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 HGMP, Local	1-5 years	Richland Parish OHSEP	Wind, Tropical Cyclone, Tornado	1,4	New
R2: 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 HGMP, Local	1-5 years	Richland Parish OHSEP	Flooding, Wind, Tropical Cyclone	1,2,3,4	New
R3: 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 HGMP, Local	1-5 years	Richland Parish OHSEP	Flooding, tropical cyclone, Dam Failure, Levee Failure	1,2,3,4	New
R4: Safe Room Projects	Construction of a safe room for first responders located in Richland Parish. Other locations will be identified based on funding availability.	FEMA HGMP, Local	1-5 years	Richland Parish OHSEP	Tornado, wind, tropical cyclone	1,2,4	New
R5: Education and Outreach	Enhance the public outreach programs for the parish and all communities by increasing awareness of risks and safety	FEMA HGMP, Local	1-5 years	Richland Parish OHSEP	Flooding, Tropical Cyclone, tornados, thunderstorms	1,2,3,4,5	New

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

# 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 Richland Parish OHSEP Director.
- Assign responsible parties for review and edits of the plan



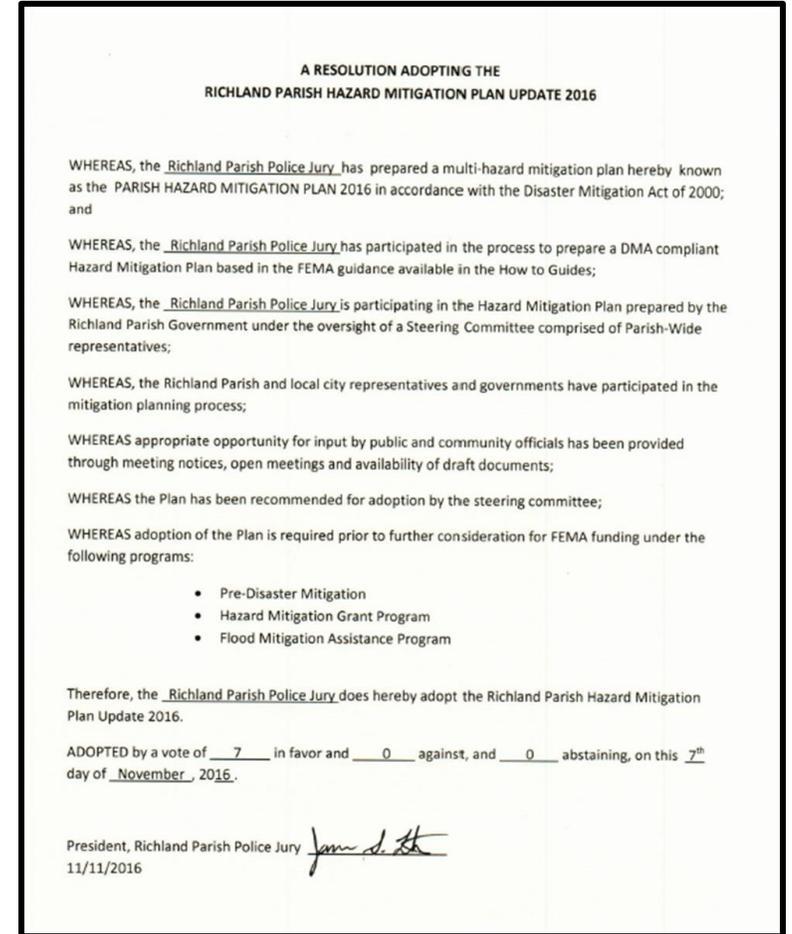
# Appendix C: Critical Facilities

- 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
- Building Inventory
- Vulnerable Populations



# Capability Assessment

Capability Assessment Worksheet - Richland 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	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)	Yes	
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	Yes	
Land Use Planning and Ordinances		
Zoning Ordinance	No	
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		

*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) - Richland 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?		

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



# Building Inventory

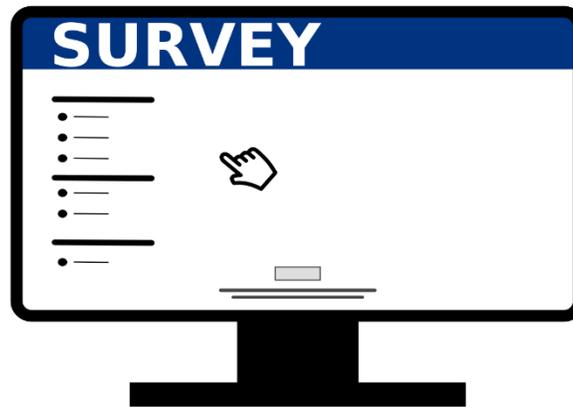
Building Inventory - Richland Parish								
Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Start Elementary	Education	883 Charleston Drive	Start	32.4874434	-91.85762285		1960	Concrete
Mangham Fire District - Woolen Lake	Fire Search and Rescue	Nearby: 2816 Louisiana 561	Columbia	32.19322094	-91.97290433		2000	Metal
District 8 Station	Fire Search and Rescue	Nearby: U.S. 425	Oak Ridge	32.54941192	-91.75956134		2000	Metal





# 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/RichlandHM2022>



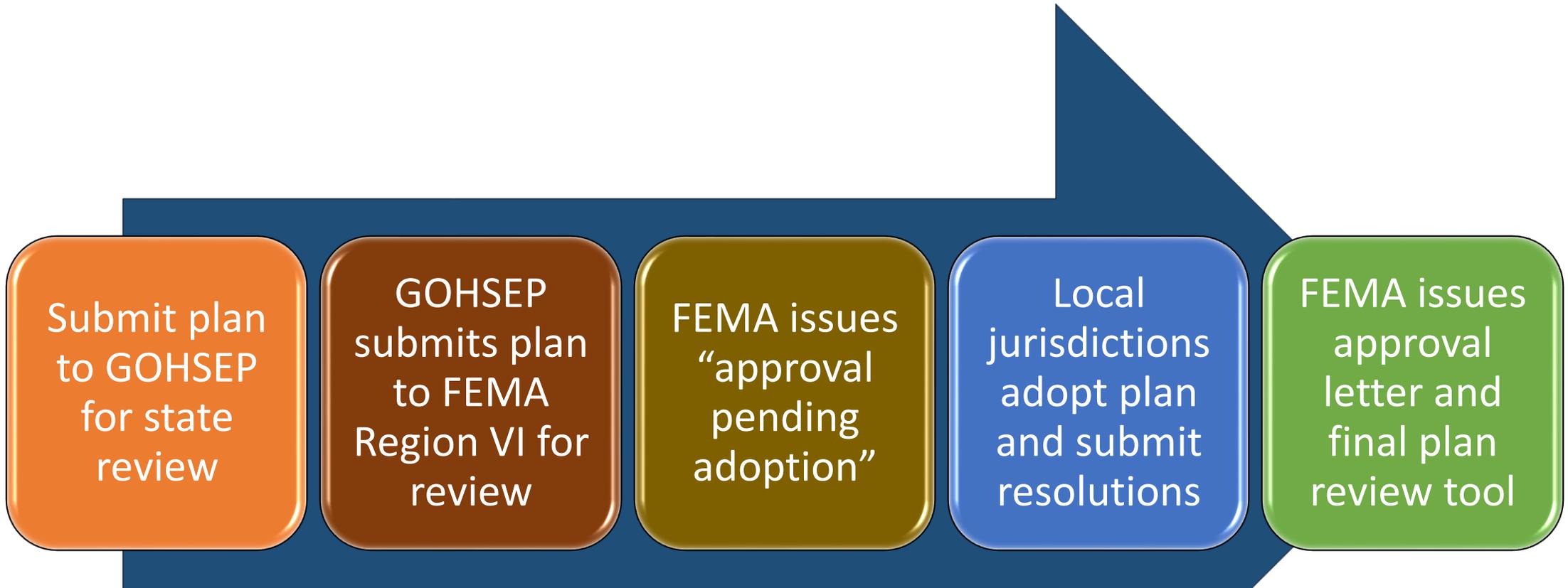
# SDMI Hazard Mitigation Website

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

The screenshot displays the website interface for Richland Parish. At the top, the LSU Stephenson Disaster Management Institute logo is visible, along with 'SDMI HOME' and social media icons. The main navigation bar includes 'Home', 'Calendar', 'Mitigation Resources', 'Parish Plans', and 'Settings'. The page title is 'Richland Parish' with a 'PLAN DUE DATE: JANUARY 17 2022'. A 'DEVELOPMENT STATUS' progress bar shows four stages: 'PLAN DEVELOPMENT' (yellow), 'PLAN REVIEW' (purple), 'PLAN ADOPTION' (purple), and 'COMPLETED' (purple). Below this, a timeline lists 'KICKOFF MEETING OCT 2022', 'TBD', 'TBD', and 'TBD'. The 'PARTICIPATING JURISDICTIONS' section lists 'Unincorporated Richland Parish', 'Town of Delhi', 'Town of Rayville', and 'Village of Mangham'. A calendar view shows two events: '2022 RICHLAND PARISH KICKOFF MEETING' on Oct 10 (Zoom, 10:00 AM - 11:00 AM) and '2022 RICHLAND PARISH INITIAL PLANNING COMMITTEE MEETING' on Nov 9 (Rayville, LA, 02:00 PM - 03:00 PM). The 'PREVIOUS PLANNING RESOURCES' section for 2016 includes three download links: 'RICHLAND HM PLAN', 'RICHLAND PARISH KICK OFF MEETING', and 'RICHLAND PARISH PUBLIC MEETING'. A 'SURVEY' section at the bottom provides a link to 'ACCESS RICHLAND SURVEY HERE:' and a button for 'RICHLAND PARISH PUBLIC OPINION SURVEY'.



# 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
  - Morehouse 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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