



Caldwell Parish Hazard Mitigation Plan Update Initial Planning Meeting

November 9, 2022

Columbia, LA



Introductions

- **Caldwell 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





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



CALDWELL

**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



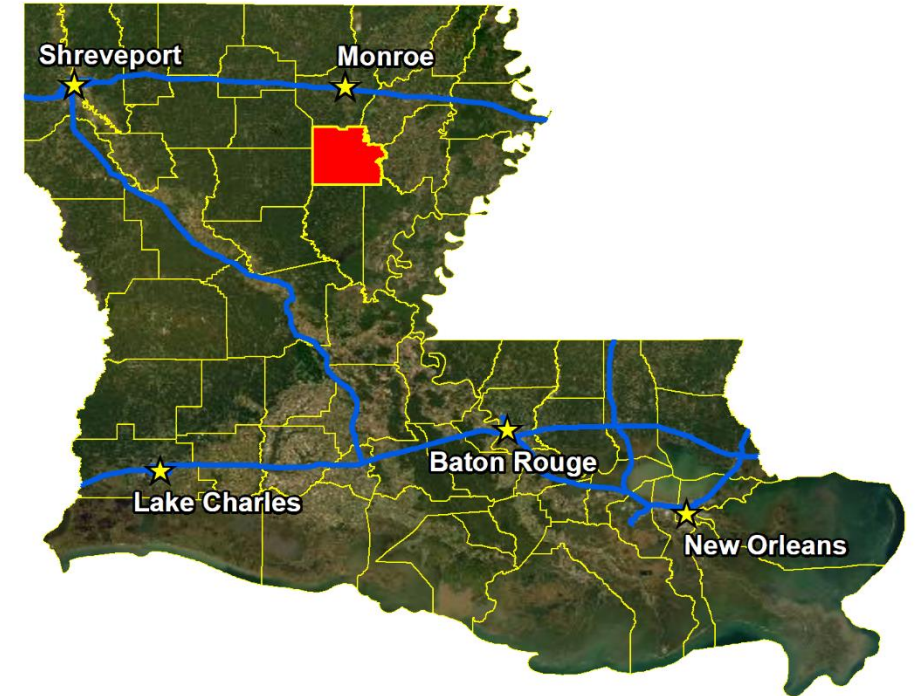
Plan Layout

- **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

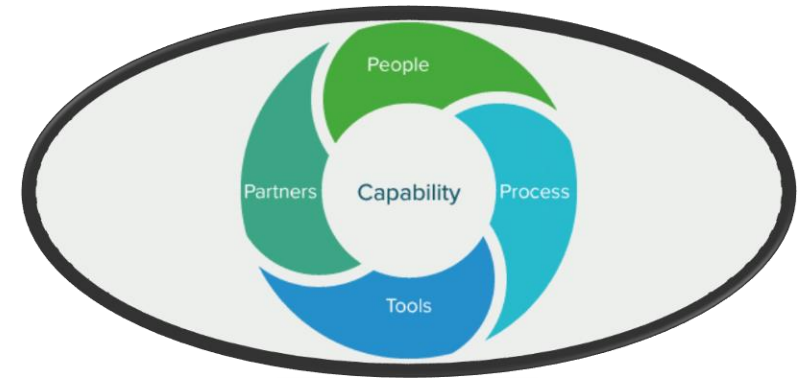
- Dam Failure
- Drought
- Flooding
- Levee Failure
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Weather



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 Strategies

Goals

- Identify and pursue mitigation measures that will reduce future damages
- 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 the potential impact of hazards



Section 4: Mitigation Strategies

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



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

Caldwell Unincorporated - New Mitigation Actions							
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Goal	Status
C1: 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	Caldwell Parish OHSEP	Wind, Hail, Tropical Cyclone, Tornadoes	1,4	New
C2: 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	FEMA HGMP, Local	1-5 years	Caldwell Parish OHSEP	Flooding, Tropical Cyclones	1,3,4	New
C3: 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	Caldwell Parish OHSEP	Flooding, Tropical Cyclones	1,2,3,4	New
C4: Safe Room Projects	Construction of a safe room for first responders located in Caldwell Parish. Other locations will be identified based on funding	FEMA HGMP, Local	1-5 years	Caldwell Parish OHSEP	Tornado, Wind, Tropical Cyclones	1	New
C5: 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, tornadoes, wildfire, thunderstorms (lightning, high wind, hail), drought, and dam and levee failure. winter storm hazards as well	FEMA HGMP, Local	1-5 years	Caldwell Parish OHSEP	Flooding, Tropical Cyclone, Tornadoes, Wildfires, 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 Caldwell Parish OHSEP Director.
- Assign responsible parties for review and edits of the plan



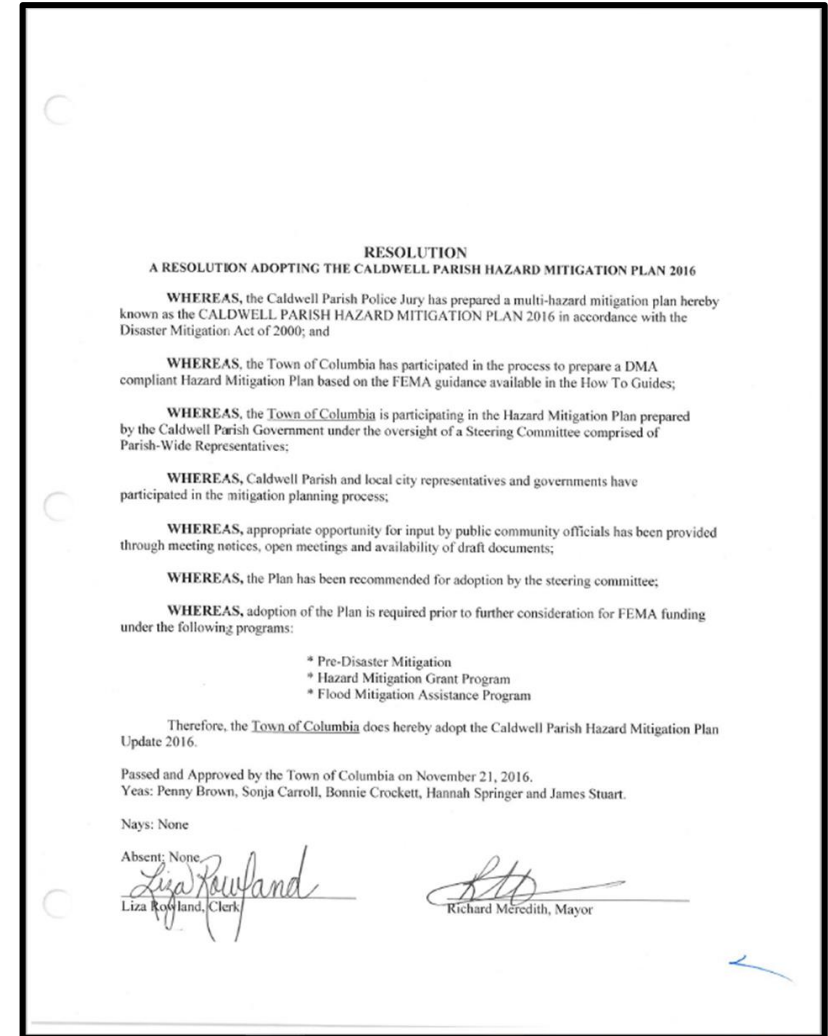
Appendix C: Critical Facilities

- Updated list of critical facilities by jurisdiction
- Will identify which hazards profiled within the risk assessment pose a threat to each facility
- Facilities must be parish or jurisdiction owned



Appendix D: Plan Adoption

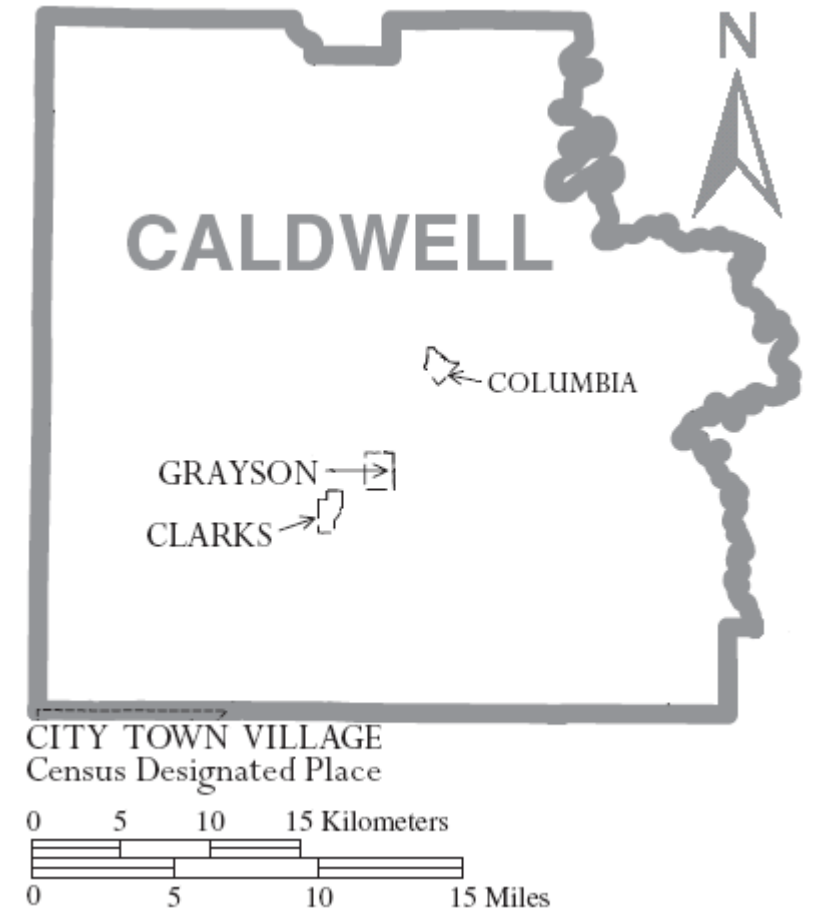
- Parish council and city council resolutions must be adopted, signed, and placed into the final planning document – **AFTER the plan is issued APA.**
- Templates can be provided if needed
- As a planning team member, be aware of the policies for your jurisdiction



Appendix E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

- Capability Assessment
- NFIP Worksheet
- Building Inventory
- Vulnerable Populations



Capability Assessment

Capability Assessment Worksheet - Caldwell 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	Yes	
Capital Improvements Plan	No	
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)		
Building Code, Permitting and Inspections		
Building Code	Yes	
Building Code Effectiveness Grading Schedule (BCEGS) Score	No	
Fire Department ISO/PIAL rating	Yes	
Site plan review requirements	Yes	
Land Use Planning and Ordinances		
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		

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) - Caldwell 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?		
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?		

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



Building Inventory

Building Inventory - Caldwell Parish								
Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Columbia Heights Volunteer Fire Department	Fire Search and Rescue		Kelly	32.07602626	-92.09431365	\$26,700.00	1960	Metal
Grayson Volunteer Fire Department	Fire Search and Rescue		Kelly	32.05141905	-92.10960649	\$18,375.00	1970	Metal
Caldwell Parish Sheriff	Law Enforcement	201 Main Street #2	Columbia	32.105359	-92.075365	\$50,085.00	1960	
Columbia Elementary	Education		Columbia	32.10304246	-92.07490878	\$650,160.00	1975	metal
Columbia High School	Education		Columbia	32.06021858	-92.09659859	\$923,535.00	1970	metal
Union Central Elementary	Education	649 Louisiana 849	Columbia	32.07621922	-92.07971745	\$454,950.00	1970	metal
Fire Station	Fire Search and Rescue	500 Boyd	Columbia	32.10469495	-92.07928103	\$11,100.00	1980	metal
East Columbia Volunteer Fire Department	Fire Search and Rescue	Nearby: 100-128 Community Center Street	Columbia	32.11220661	-92.07103857	\$19,200.00	1980	metal
Ward 5 Fire Department	Fire Search and Rescue	Nearby: Louisiana 846	Columbia	32.1483687	-92.15815262	\$11,700.00	1975	Metal
Edgar Volunteer Fire Department - Edgar Howard Memorial Station	Fire Search and Rescue	Nearby: 434-442 Edgar Road	Columbia	32.20019765	-92.00882015	\$21,975.00	1990	Metal
Fire Lookout Tower	Fire Search and Rescue	Nearby: 9400-9598 Louisiana 846	Columbia	32.12270226	-92.17168349	\$525.00	1990	Metal
Caldwell Parish Courthouse	Civil Government	201 Main Street #1	Columbia	32.1056227	-92.07448223	\$39,015.00	1960	Concrete
Caldwell Parish School Board	Civil Government	Caldwell Parish School Board	Columbia	32.10511341	-92.0748678		1965	
Caldwell Parish Public Works	Civil Government	Nearby: Louisiana 4	Columbia	32.07767966	-92.10897856	\$51,350.00	1970	metal
Columbia Project Engineer Office	Civil Government	343 Ball Park Road	Columbia	32.11031621	-92.07439464	\$15,255.00	1960	Concrete
East Columbia Water System - Bill Payment Office	Civil Government		Columbia	32.11887432	-92.06599973	\$485,775.00	1960	Metal
Grayson High School	Education	Nearby: 148-174 Carrie Street	Grayson	32.04869332	-92.10877084	\$478,710.00	1980	Concrete
Grayson Volunteer Fire Department Station 2	Fire Search and Rescue	Nearby: Highway 126	Grayson	32.04965792	-92.10812834	\$15,075.00	1980	Concrete
Fire Station	Fire Search and Rescue	5228 Highway 126	Grayson	31.97914799	-91.96246522	\$11,700.00	1975	Metal

Vulnerable Populations

Vulnerable Populations - Caldwell Parish					
All Hospitals (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
*There are no hospitals in Unincorporated Caldwell Parish					

Nursing Homes (Private or Public)					
Name	Street	City	Zip Code	Latitude	Longitude
*There are no nursing homes in Unincorporated Caldwell Parish					

Mobile Home Parks					
Name	Street	City	Zip Code	Latitude	Longitude
*There are no mobile home parks in Unincorporated Caldwell 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/CaldwellHM2022>



SDMI Hazard Mitigation Website

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



The screenshot displays the SDMI Hazard Mitigation Website for Caldwell Parish. The header includes the LSU logo, the text 'Stephenson Disaster Management Institute', and a 'SDMI HOME' button. The main navigation bar features 'Home', 'Calendar', 'Mitigation Resources', 'Parish Plans', and 'Settings'. The page title is 'Caldwell Parish', and the 'PLAN DUE DATE' is 'APRIL 25 2022'.

The 'DEVELOPMENT STATUS' section shows a progress bar with four stages: PLAN DEVELOPMENT, PLAN REVIEW, PLAN ADOPTION, and COMPLETED. The PLAN DEVELOPMENT stage is currently active, with a 'KICKOFF MEETING OCT 2022' scheduled. The PLAN REVIEW stage is marked 'TBD'. The PLAN ADOPTION stage is also marked 'TBD'. The COMPLETED stage is marked 'COMPLETED'.

The 'PARTICIPATING JURISDICTIONS' section lists four locations: Unincorporated Caldwell Parish, Village of Clarks, Town of Columbia, and Village of Grayson.

The 'PREVIOUS PLANNING RESOURCES' section lists two events:

- OCT 26** 2022 CALDWELL PARISH KICKOFF MEETING
Zoom
09:00 AM - 09:30 AM 10/26/2022
- NOV 9** 2022 CALDWELL INITIAL PLANNING COMMITTEE MEETING
Columbia, LA
09:00 AM - 10:00 AM 11/9/2022

Each event has a download icon.

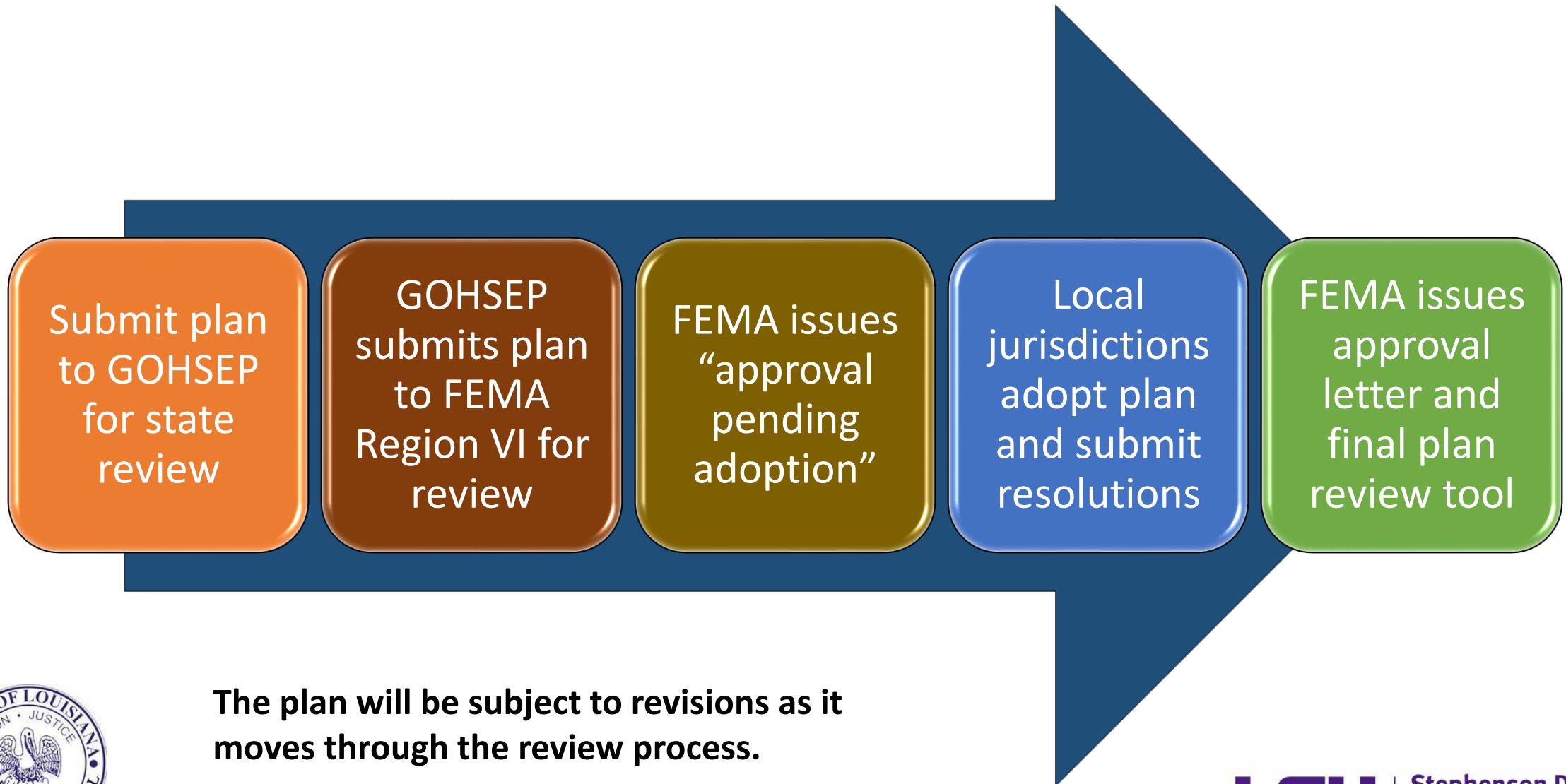
The 'PREVIOUS PLANNING RESOURCES' section also lists three documents for 2016:

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

Each document has a 'DOWNLOAD' button.

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

Plan Approval 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
 - Catahoula and LaSalle used in previous plan
- 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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