



# **Ouachita Parish Hazard Mitigation Plan Update Initial Planning Meeting**

March 23, 2023

Monroe, LA



# Introductions

- **Ouachita Parish OHSEP Director/Parish Staff**
- **Stephenson Disaster Management Institute (SDMI) at LSU**
  - Chris Rippetoe – Hazard Mitigation Program Manager
  - Jason Martin – Emergency Management Analyst
- **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



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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
- Must be multi-jurisdictional
- 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;



# 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

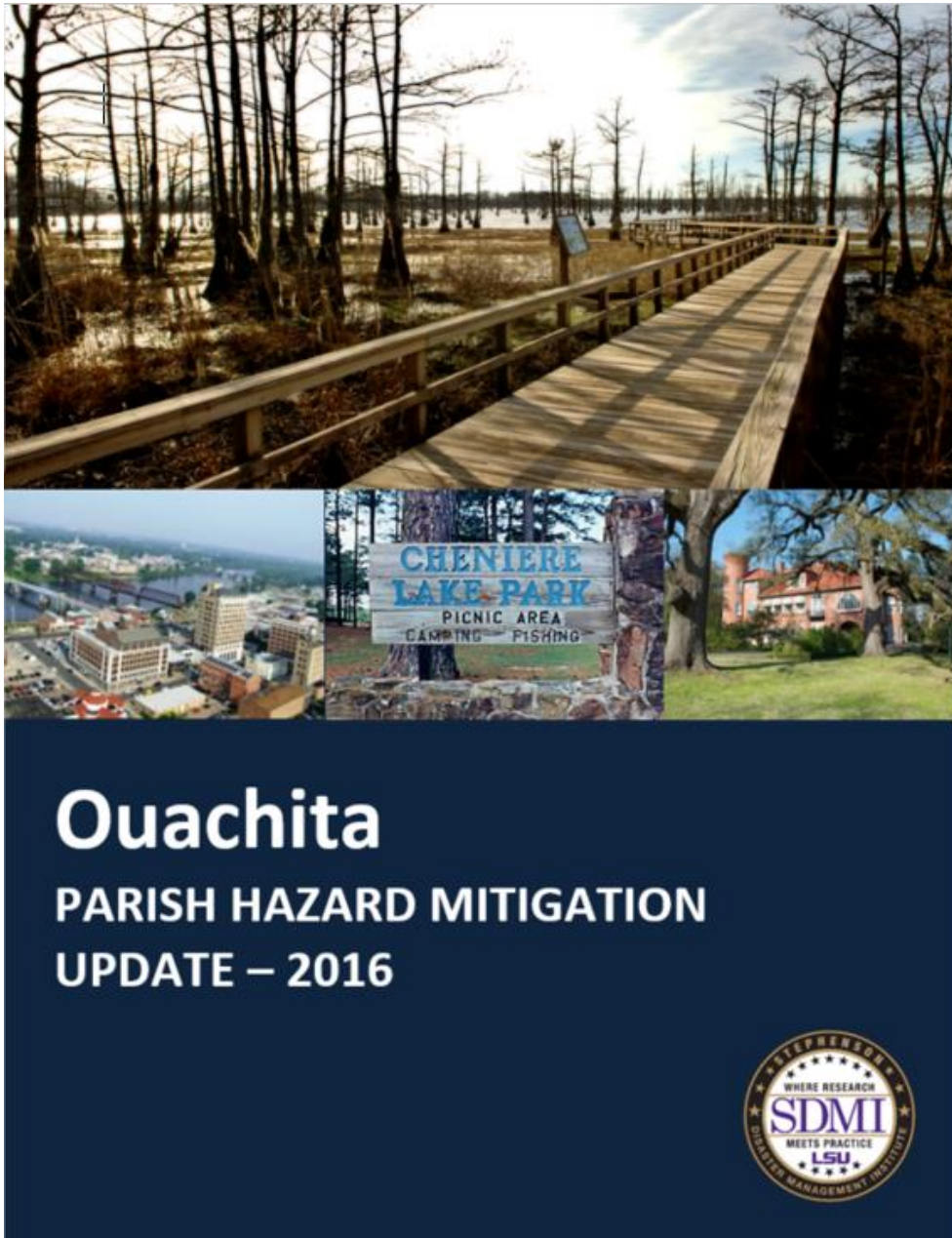


# Expectations of the Planning Committee

- 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



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



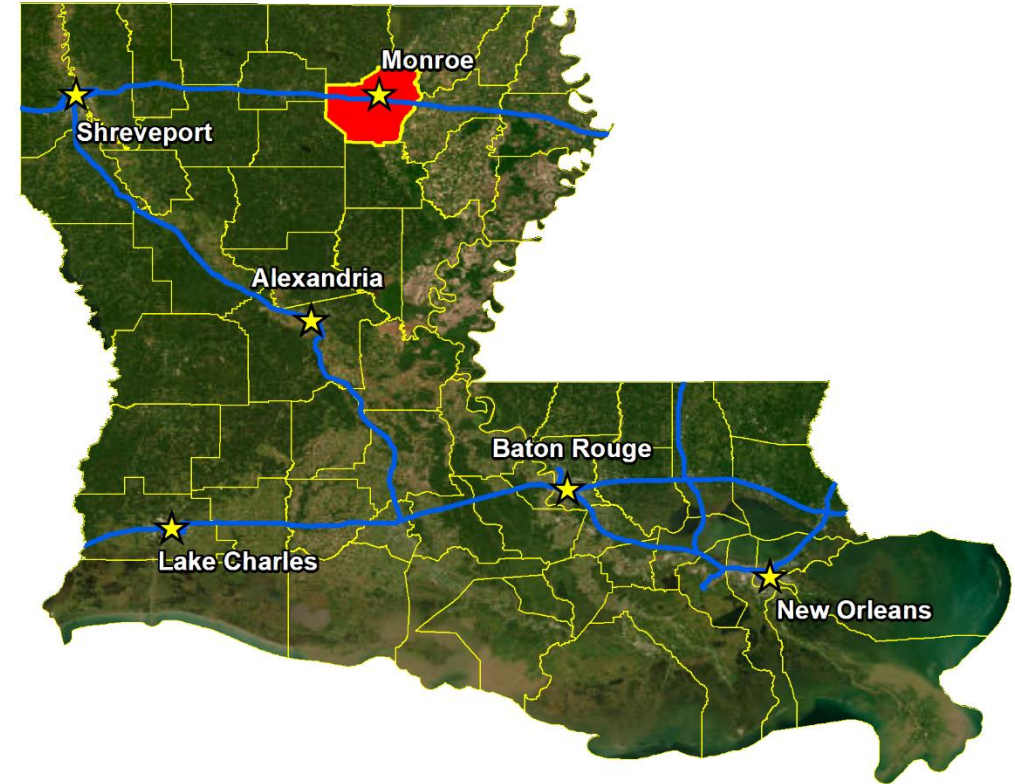
# Plan Layout

- **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

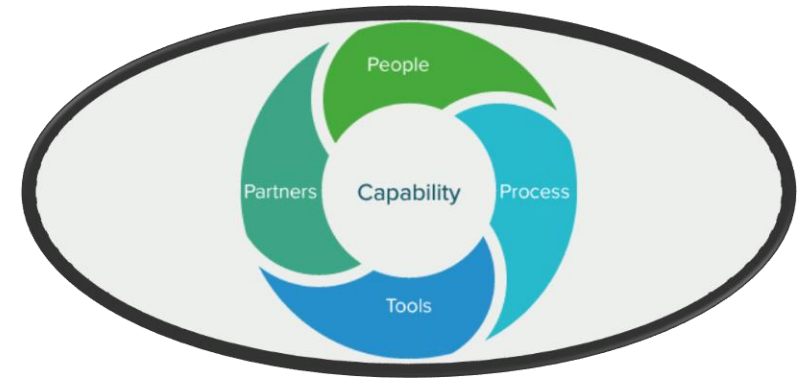
- Dam Failure
- Drought
- Earthquakes\*
- Excessive Heat
- Flooding
- Levee Failure
- Thunderstorms
- Tornadoes
- Tropical Cyclones
- Wildfires
- Winter Weather



# 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

- Protect health and safety
- Protect existing properties
- Improve the quality of life in Ouachita Parish
- Ensure that public funds are used in the most efficient manner



# Section 4: Mitigation Strategies

- Mitigation Action Update for previous actions/projects
- New Mitigation Actions Identification for each jurisdiction in 2023 Update



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

Ouachita Parish - Unincorporated						
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Status
O1: Shelter Structures	Continually inventory and Retrofit/upgrade existing structures and/or construct new structures to act as shelters during and after Hurricanes/Tropical Storms and other severe weather events.	HMGP, PDM	12-48 Months	OPPJ, OPOHSEP, Parish Public Works	Hurricanes/Tropical Storms	All bathrooms in all community centers in Monroe and West Monroe have been renovated to serve as shelters using funds made available by Ouachita Homeland Security.
O2: Harden Critical Facilities	Storm harden/retrofit critical facilities throughout Ouachita Parish. Actions can include but are not limited to window shutters, roof straps, flood proofing, roll-up door reinforcement (i.e. for fire stations).	HMGP, PDM	12-48 Months	OPPJ, OPOHSEP, Parish Public Works	Dam Failure, Flood, Hail, Hurricane / Tropical Storms, Levee Failure, Thunderstorm, Tornado	New hurricane roof systems have been installed on 4 community centers that will be used as shelters, using Homeland Security funds.
O3: Warning Sirens	Purchase warning sirens for the parish. The parish is already in the process of purchasing indoor warning systems through Alert FM. The parish is purchasing 50 portable and one wall unit.	HMGP, PDM, EMPG	12-48 Months	OPPJ, OPOHSEP, GOHSEP	Dam / Levee Failure, Drought, Earthquake, Extreme Heat, Flooding, Hail, Hazardous Materials, Hurricanes / Tropical Storms, Thunderstorms, Tornadoes, Wildfires, Winter Storms	AlertFm is available to all residents who choose to download the Smart Phone App or purchase a receiver. Receivers have been given to all schools.
O4: Outdoor Warning Sirens	Purchase outdoor warning sirens to place in areas throughout the Parish.	HMGP, PDM, EMPG	12-48 Months	OPPJ, OPOHSEP, GOHSEP	Dam / Levee Failure, Drought, Earthquake, Extreme Heat, Flooding, Hazardous	This has been cost prohibitive



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



# Appendix C: Critical Facilities

- Updated list of critical facilities in parish and jurisdictions
- Will identify which hazards within the risk assessment pose a threat to each facility
- Facilities must be parish or jurisdiction owned
  - No state or federally owned facilities



# 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

Mr. Caldwell, seconded by Mr. Smiley offered the following resolution for adoption:

## RESOLUTION NO. 17-65

A RESOLUTION ACCEPTING AND ADOPTING THE HAZARD MITIGATION PLAN FOR OUACHITA PARISH, LOUISIANA, INCLUDING THE TOWN OF RICHWOOD; AND FURTHER PROVIDING WITH RESPECT THERETO.

WHEREAS, representatives of our community have participated in the process to prepare a Disaster Mitigation Act of 2000 (DMA 2000) compliant multi-jurisdictional Hazard Mitigation Plan; and,

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

WHEREAS, the Hazard Mitigation Plan has been recommended for adoption by the Hazard Mitigation Planning Committee; and,

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

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

## NOW, THEREFORE:

BE IT RESOLVED by the Ouachita Parish Police Jury in legal and regular session convened on this 2<sup>nd</sup> day of October, 2017, that the Ouachita Parish Police Jury hereby accepts and adopts The Hazard Mitigation Plan for Ouachita Parish, Louisiana.

The above resolution was adopted on the 2<sup>nd</sup> day of October, 2017.

\* \* \*

## CERTIFICATION

I hereby certify that the foregoing is a true and correct copy of Resolution 17-65 adopted at a Regular Meeting of the Ouachita Parish Police Jury held on the 2<sup>nd</sup> day of October, 2017, in which a quorum was present and voting and that the resolution adopted is still in effect and has not been rescinded or revoked.

Signed at Monroe, Louisiana on the 3<sup>rd</sup> day of October, 2017.

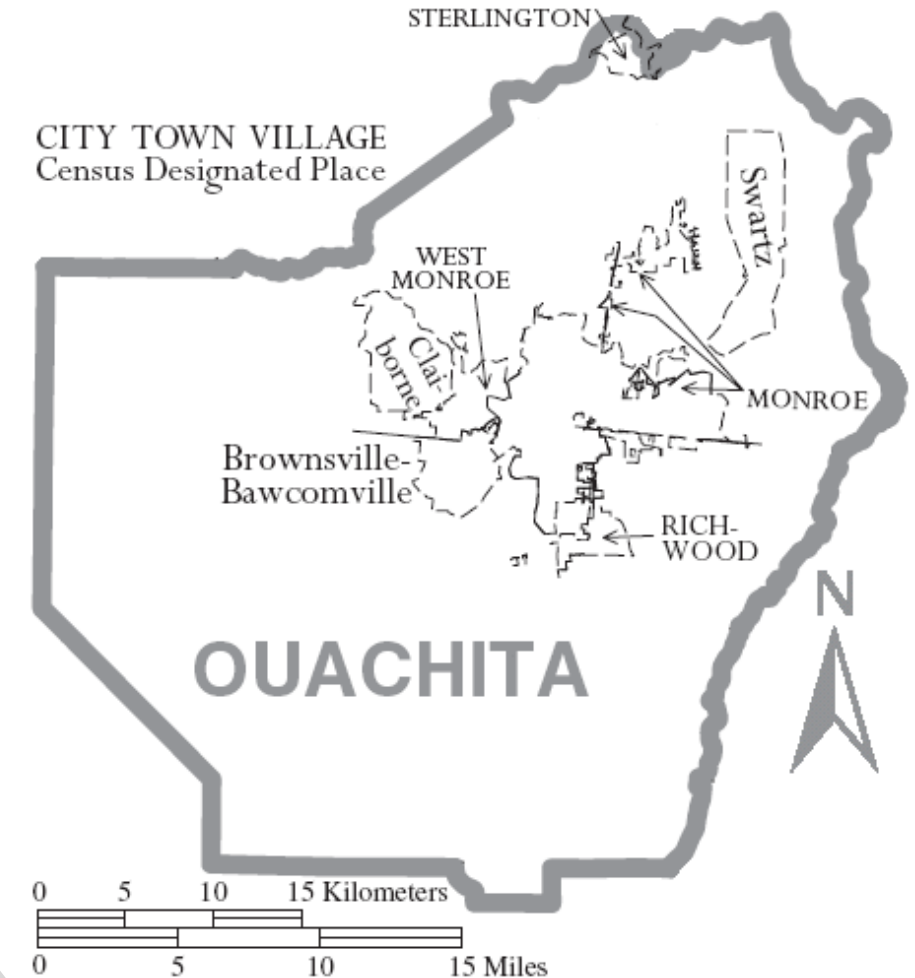
  
Karen Cupit, Recording Secretary



# Appendix E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

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



# Capability Assessment

## Capability Assessment Worksheet - Monroe

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	City has an Updated ComPlan
Capital Improvements Plan	Yes	Engineering Dept in charge
Economic Development Plan	Yes	City /North La.Eco. Dev. and Chamber
Local Emergency Operations Plan	Yes	City/Interagency Plan
Continuity of Operations Plan	Yes	Install generators/ on duty personnel
Transportation Plan	Yes	Coord.with Monroe Trans. Sytm
Stormwater Management Plan	Yes	State Approv. Storm. Manag. Plan
Community Wildfire Protection Plan	Yes	State/Parish & City Fire Marshal
Other plans (redevelopment, recovery, coastal zone management)	Yes	Commnt. Redevl.Plan/state Recovery
<b>Building Code, Permitting and Inspections</b>		
Building Code	Yes	Adopted State IBC Code
Building Code Effectiveness Grading Schedule (BCEGS) Score		
Fire Department ISO/PIAL rating	Yes	Monroe Fire Dpt. Is No 1 rated
Site plan review requirements	Yes	For all new Develop. and additions
<b>Land Use Planning and Ordinances</b>		
Zoning Ordinance	Yes	Newly Updated
Subdivision Ordinance	Yes	Newly Updated
Floodplain Ordinance	Yes	Approved by state
Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire)	Yes	SWEPP (Fire Dept.)
Flood Insurance Rate Maps	Yes	New Maps Effic. Jan. 20, 2016

*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) - Monroe

### 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 - Monroe

Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Monroe City Hall	Civil Government	400 Lea Joyner Expressway	Monroe	32.502158	-92.108645	3,540,935	1966	5
Police Building, Jail & Courts	Law Enforcement	700 Wood Street/600 Calypso	Monroe	32.501372	-92.110734	4,061,899	1966	4
JPS Aviation Offices	Airports & Airfields	5410 Operations Rd	Monroe	32.511948	-92.043450	112,320	1967	2
Flight Control Tower	Airports & Airfields	5403 Operations Rd	Monroe	32.511077	-92.044126	397,000	1980	3
Masur Museum	Museum	1400 South Grand	Monroe	32.490127	-92.113117	632,564	1930	2
Fire Station, #1	Fire & SAR	508 Olive St	Monroe	32.507858	-92.115730	570,242	1960	4
Fire Station, #2	Fire & SAR	915 Orange St	Monroe	32.493425	-92.102878	129,900	1965	2
Fire Station #6	Fire & SAR	2001 Forsythe Ave	Monroe	32.532750	-92.111560	129,900	1975	2
Fire Station #4	Fire & SAR	300 Forrest Ave.	Monroe	32.480819	-92.109396	129,900	1966	4
Fire Station #5	Fire & SAR	3110 Breard	Monroe	32.526213	-92.084030	129,900	1966	2
Fire Station #7	Fire & SAR	5500 Operations Road	Monroe	32.513279	-92.043634	129,900	1980	2
Fire Dept.Training, Tower	Fire & SAR	300 Forest	Monroe	32.480819	-92.109396	120,674	1965	1
Fire Station #8	Fire & SAR	1204 Richwood Rd #1	Monroe	32.448279	-92.096738	122,028	1965	2
Adm. Bldg. La Purchase Garden & Zoo	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	65,000	1965	1
Bismark Trading Post Concession	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	75,000	1960	1
Small animal & primate bldg.	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	1,655,600	1970	2
Reptile Buidling located	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	63,000	1970	1
Restrooms located @ LA Purchase Gardens & Zoo	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	31,000	1970	1
LA Purchase-Office/Kitchen BV	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	74,000	1970	2
One Story, BV, Building known as Kangaroo Building	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	40,000	1970	2
Giraffe Building & Animal Hospital	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	216,000	1970	1
Small Primate Building	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	75,000	1970	1
Education Building & Office	Recreation	1405 Bernstein Dr	Monroe	32.468229	-92.096809	138,000	1970	1
CPA Building Kitchen/RR		1405 Bernstein Dr	Monroe	32.468229	-92.096809	111,000	2000	2
Dept Public Works Off & Check-In room	Civil Government	1200 Grammont	Monroe	32.506005	-92.106023	587,035	1970	3
Steel elevated water tank Grammont Elevated Tank	Public Works	1200 Grammont	Monroe	32.506005	-92.106023	264,600	1960	3

# Vulnerable Populations

## Vulnerable Populations - Monroe

### All Hospitals (Private or Public)

Name	Street	City	Zip Code	Latitude	Longitude
University Health	4864 Jackson St.	Monroe	71202	32.450261	-92.106643
St. Francis Medical Center	309 Jackson St.	Monroe	71201	32.499181	-92.11407
St. Francis Community Health	920 Oliver Rd	Monroe	71201	32.521822	-92.103175
St. Francis Community Health Center	2600 Tower Dr.	Monroe	71201	32.52899	-92.096933
North Monroe Medical Center	3510 Medical Park Dr. #1	Monroe	71203	32.579075	-92.070626

### Nursing Homes (Private or Public)

Name	Street	City	Zip Code	Latitude	Longitude
Northeast Louisiana Veterans Home	6700 US-165	Monroe	71203	32.586814	-92.068934
Ouachita Healthcare & Rehabilitation Center	7950 Millhaven Rd.	Monroe	71203	32.496444	-92.027325
Bastrop Rehabilitation Hospital	4310 South Grand St.	Monroe	71202	32.457191	-92.115858
The Oaks	1000 Mckeen Pl.	Monroe	71201	32.522276	92.118788
Mary Goss Nursing Home	3300 White St.	Monroe	71203	32.517356	-92.078183

### Mobile Home Parks

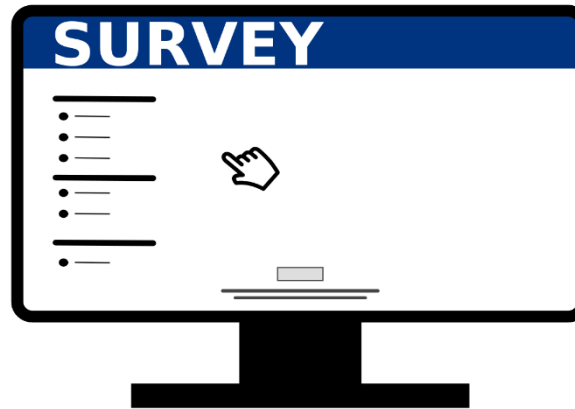
Name	Street	City	Zip Code	Latitude	Longitude
University Estates	5310 Desiard St.	Monroe	71203	32.525811	-92.061404
Blanks St. MHP	5103 Blanks St.	Monroe	71203	32.523707	-92.060651
Aurora Mobile Home Park	5602 Desiard St. #79	Monroe	71203	32.524889	-92.056286
Francis Drive MHP	301-385 Francis Dr.	Monroe	71203	32.526346	-92.06262



# 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/OuachitaHM2022>



# SDMI Hazard Mitigation Website

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



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## HAZARD MITIGATION

Intro Events FEMA Resources Parish Plans Settings

### Ouachita Parish

PLAN DUE DATE: **OCTOBER 25 2022**

DEVELOPMENT STATUS

PLAN DEVELOPMENT PLAN REVIEW PLAN ADOPTION COMPLETED

KICKOFF MEETING FEB 2023 TBD TBD TBD

PARTICIPATING JURISDICTIONS

- Unincorporated Ouachita Parish
- City of Monroe
- City of West Monroe
- Town of Richwood
- Town of Sterlington

**MAR 23** 2023 OUACHITA PARISH INITIAL PLANNING COMMITTEE MEETING  
West Monroe, LA  
09:00 AM - 10:00 AM 3/23/2023

**FEB 13** 2023 OUACHITA HM KICKOFF MEETING  
Teleconference  
10:30 AM - 11:00 AM 2/13/2023

### PREVIOUS PLANS

2017

OUACHITA HM PLAN DOWNLOAD

OUACHITA PARISH KICK OFF MEETING DOWNLOAD

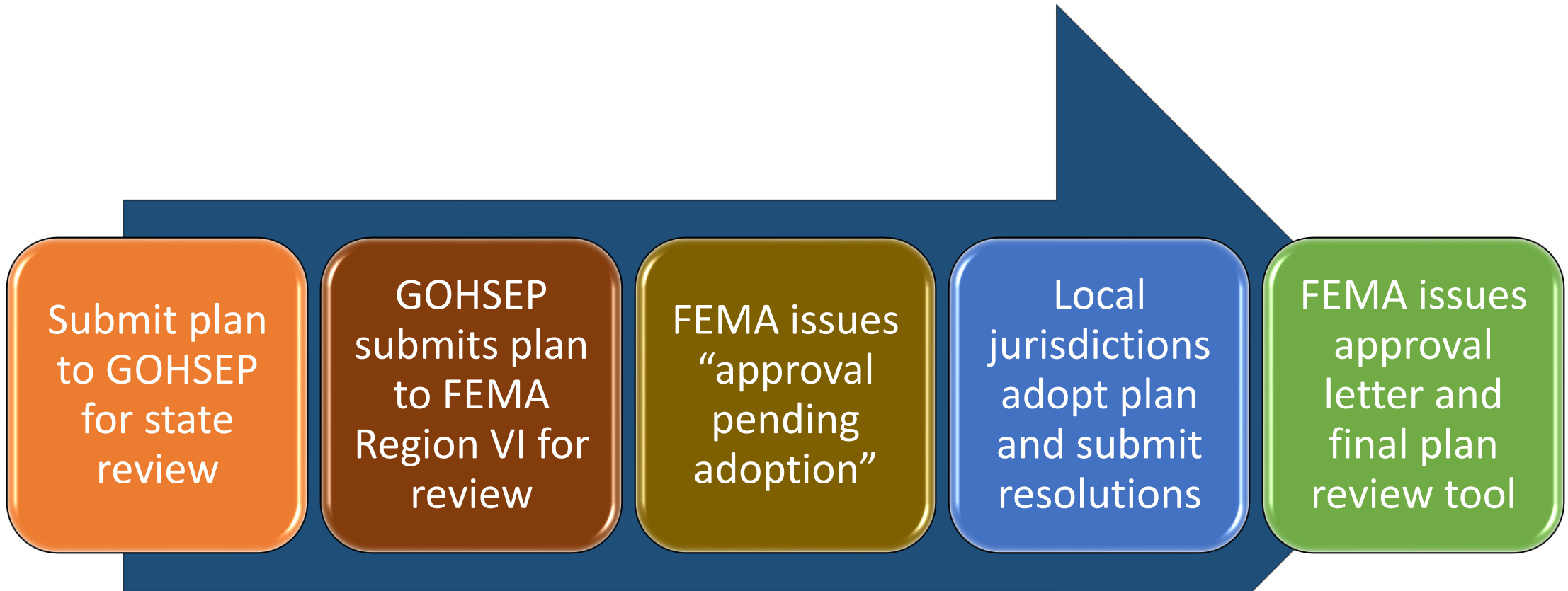
OUACHITA PARISH PUBLIC MEETING DOWNLOAD

### Survey

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



# Next Steps

- Identify Neighboring Community
  - Union Parish 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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