



# Avoyelles Parish Hazard Mitigation Plan Update Kick-off Meeting

June 21, 2017

Marksville, LA

# Introductions

- Officials
- Mitigation Steering Committee members
- SDMI team members
- GOHSEP Hazard Mitigation team

# SDMI Information

- Stephenson Disaster Management Institute at Louisiana State University
- Mission: To save the lives of people and animals by continuously improving disaster management through leadership in applied research and executive education.

# The Hazard Mitigation Plan: What is in it for us?

# Hazard Mitigation

- Protect public safety and prevent loss of life and injury;
- Help accomplish community objectives, such as leveraging capital improvements, infrastructure protection, open space preservation, and economic resiliency;
- Prevent damage to a community's economic, cultural and environmental assets;
- Minimize operational downtime and accelerate recovery of government and the private sector after an event;
- Meet requirements of Title 44 Code of Regulations (CFR) §201.6 for approval and eligibility to apply for FEMA Hazard Mitigation Assistance grant programs.

# Hazard Mitigation Planning Process

# Hazard Mitigation Plan Update Requirements

- The plan must be updated every five (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;
- Address any weaknesses identified in the previous plan review.

# The Planning Team: A Multi-jurisdictional Approach

- Each jurisdiction will have at least one representative on the planning team.
- This representative will need to report back to their community on a regular basis, as well as gather feedback and input into the plan.
- Utilize a council resolution or memorandum of understanding (MOU) to gain official recognition for the planning team.



# Federal Requirements

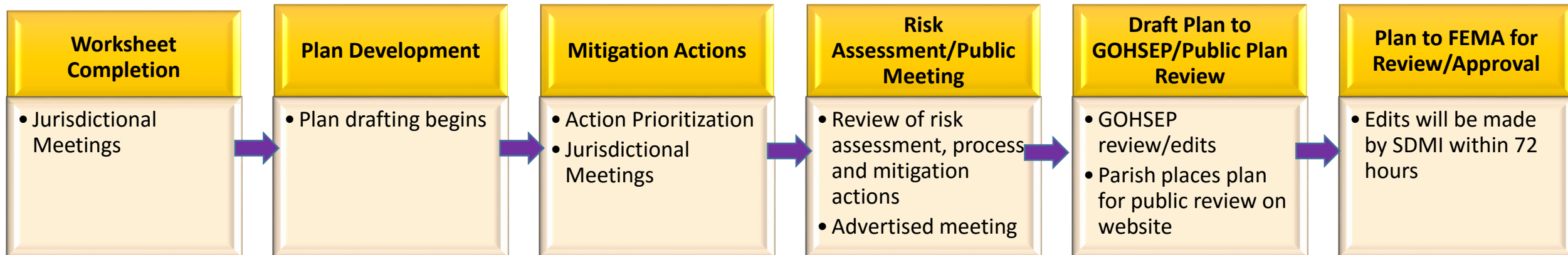
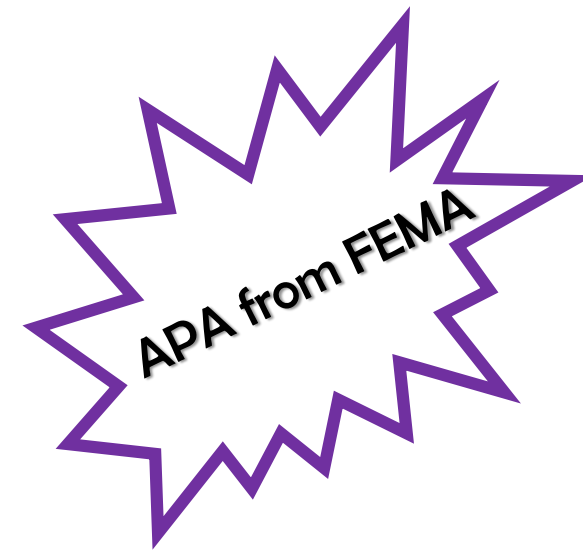
- Disaster Mitigation Act of 2000 (DMA 2000)
  - Section 322 of the Act specifically addresses mitigation planning and requires state and local governments to prepare multi-hazard migration plans as a precondition for receiving FEMA mitigation project grants.
- Title 44 Code of Federal Regulations (CFR)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

# Expectations

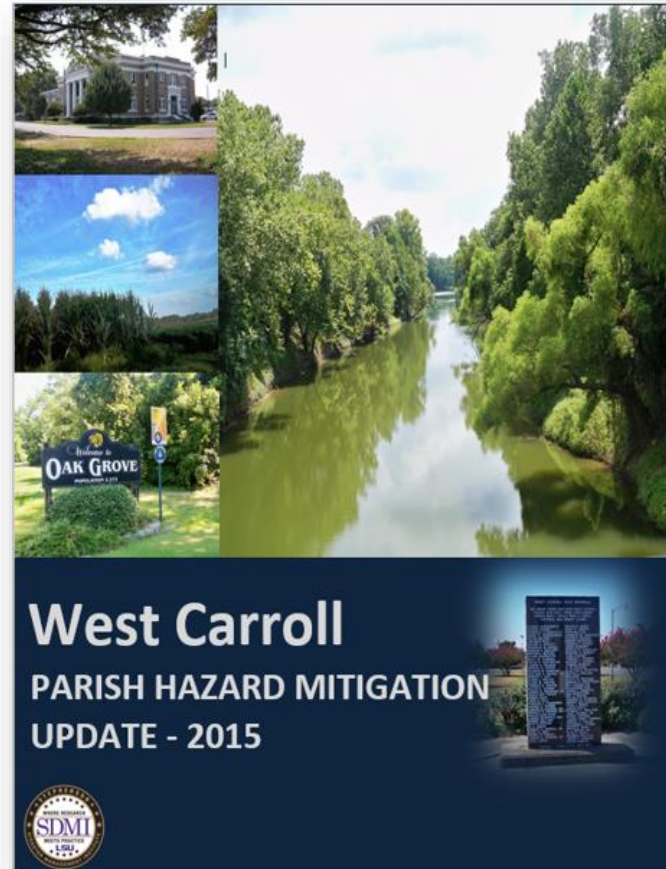
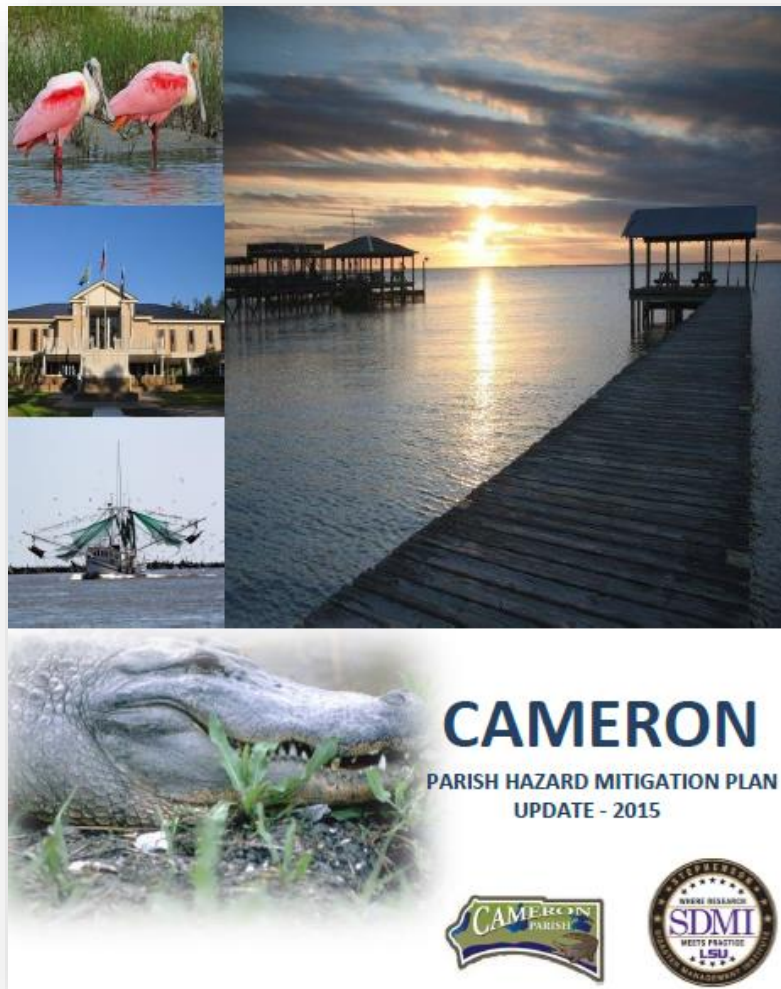
## Jurisdictions

- Each jurisdiction **MUST** show active participation in the planning process by the following:
  - Completing state required worksheets;
  - Identifying jurisdiction specific mitigation actions (projects)
  - Have representation at all meetings;
  - Adopt the final plan.

# Plan Update Timeline – Next Steps



# Plan Development



# New Plan Layout

- Section 1: Introduction
  - Updated demographics
  - Economics
  - Update parish/jurisdiction descriptions
- Section 2: Hazard Identification and Parishwide Risk Assessment
- Section 3: Capability Assessment
- Section 4: Mitigation Strategies
  - New actions
  - Action updates
  - Survey results

# New Plan Layout (cont.)

- Appendix A: Planning Process
- Appendix B: Plan Maintenance
- Appendix C: Parish Essential Facilities
- Appendix D: Plan Adoption
- Appendix E: State Required Worksheets

# 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 (Previous Update)

- Hurricanes/Tropical Storm
- Flooding
- Thunderstorms  
(Lightning/High Winds/Hail)
- Tornadoes
- Hazardous Materials
- Utility Failures
- Sheltering
- Dam Failure
- Levee Failure



# Section 3: Capabilities 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

- Prevent potential hazardous and industrial incidents related to rail operations.
- Establish collaborative and cooperative planning to prevent and address flooding issues more effectively.
- Maintain public services (such as water, sewer and hospital) and critical facilities at the time of an impending hazard or during and immediately after a hazard event in order to protect people's lives and quality of life.
- Create a general awareness of where people can obtain information for mitigation at any time, in time of impending emergencies, and during hazard events.
- Improve effectiveness of communication with the public.
- Preserve the parish's natural geography, reclaim and restore natural areas, and prevent damage to higher elevations.

# Section 4: Mitigation Strategy

## Goals (continued)

- Maintain public services and safety by training personnel to be effective in addressing hazardous and industrial events.
- Create safe environments in which to assist evacuees.
- Establish ability for public facilities for water and wastewater throughout the parish to have access to emergency power.
- Maintain steady water supply to entire parish.
- Maintain and improve system of shelters by equipping and adequately staffing.

## Mitigation Actions

- Will be updated and carried over from last update
- New Actions will be identified

# Element E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

- Capability Assessment
- NFIP Worksheet
- Critical Facilities/Building Inventory
- Vulnerable Population

# Element E: State Required Worksheet – Capability Assessment

## Worksheet 4.1: Capability Assessment Worksheet - Unincorporated Calcasieu

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

*Place answers in Yes/No column, add comments if necessary (i.e. what year the plan was updated last)*

## Worksheet 4.1: Capability Assessment Worksheet

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.

	Calcasieu	Parrish	DeQuincy	Lake Charles	Sulphur	Westlake	Vinton	Iowa
Plans	Yes / No							
Comprehensive / Master Plan								
Capital Improvements Plan								
Economic Development Plan								
Local Emergency Operations Plan								
Continuity of Operations Plan								
Transportation Plan								
Stormwater Management Plan								
Community Wildfire Protection Plan								
Other plans (redevelopment, recovery, coastal zone management)								
Building Code, Permitting and Inspections	Yes / No							
Building Code								
Building Code Effectiveness Grading Schedule (BCEGS) Score								
Fire Department ISO/PIAL rating								
Site plan review requirements								
Land Use Planning and Ordinances	Yes / No							
Zoning Ordinance								
Subdivision Ordinance								
Floodplain Ordinance								
Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire)								
Flood Insurance Rate Maps								
Acquisition of land for open space and public recreation uses								
Other								

# Plan Update Worksheet – NFIP

ELEMENT F: STATE REQUIREMENT		
National Flood Insurance Program (NFIP)		
Parish: Calcasieu 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		
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		
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

# Element E: State Required Worksheet – Building Inventory

[illegible]

- List all parish/government owned building; indicate in the first column if it is a critical facility
- Assessed value, date built, and construction type MUST be filled out

# Element E: State Required Worksheet – Critical Facilities and Vulnerable Population

[illegible]



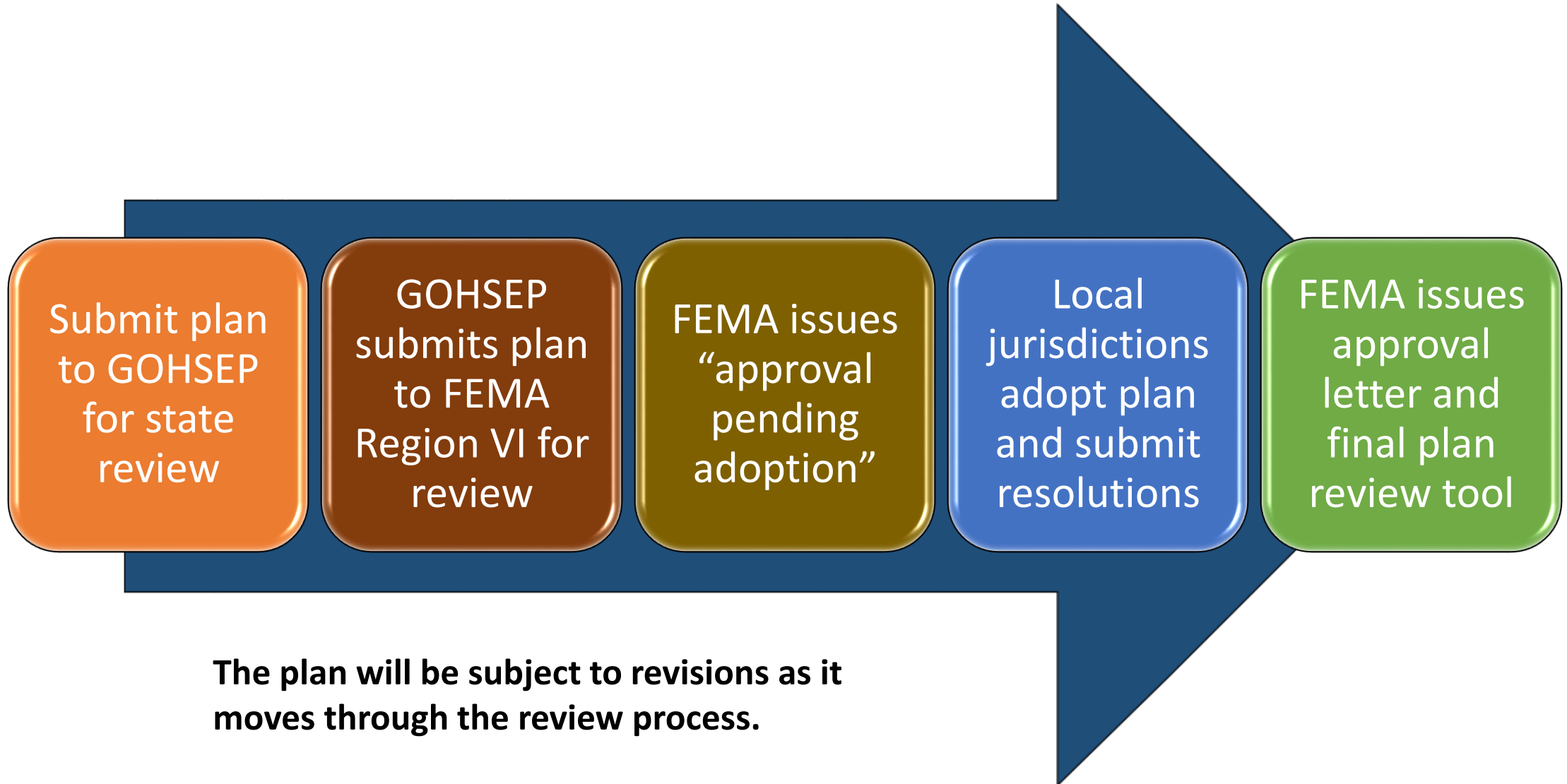
# Mitigation Action Update and New Mitigation Actions

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for 2016 Update for each jurisdiction

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

Mitigation Actions for City of Covington							
Action	Summary	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Goal	Status
Action 1.1: Mile Branch Drainage Improvements	The proposed project involves stabilization of existing channel banks due to damage from erosion of existing banks. The purpose of the project is to reduce potential structure damage due to erosion along the channel.	Local, FEMA HMPG	24 months from start	City of Covington/St Tammany Parish	Flooding, Tropical Cyclone	1,4	New
Action 1.2: Simpson Creek Drainage Improvements	The proposed project involves increase flow capacities in major drainage channel to mitigate flood risk to area. Simpson Creek drains a large developed portion of the City of Covington. Improvements would be made to reduce flood risk to structures located along the drainage way.	Local, FEMA HMPG	18 months from start	City of Covington	Flooding, Tropical Cyclone, Severe Thunderstorm	1,2,3,4,7	New

# Plan Approval Process



# Adopt the Plan

Each jurisdiction **MUST** adopt the final plan.

- 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

# New Hazard Mitigation Plan Website

- SDMI has developed a new website that allows parishes to track their hazard mitigation plan progress, view future events, and review documents.
- <http://hmplans.sdmi.lsu.edu>

## HAZARD MITIGATION

Intro

Events

FEMA Resources

Parish Plans

Sponsored by



## Why We Have Hazard Mitigation Plans

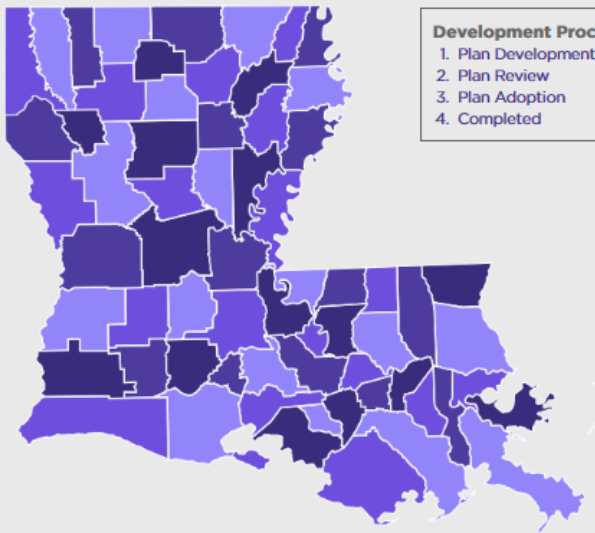
Parishes maintain Hazard Mitigation Plans to meet federal requirements of Title 44 Code of Regulations (CFR) §201.6 for approval and eligibility to apply for FEMA Hazard Mitigation Assistance grant programs. Approved Parish Hazard Mitigation Plans will allow for distribution of Hazard Mitigation funding following future disasters.

CHOOSE A VIEW

MAP OF PARISHES

LIST OF PARISHES

CHOOSE A PARISH TO SEE ITS PLAN



### Development Process

1. Plan Development
2. Plan Review
3. Plan Adoption
4. Completed

## HAZARD MITIGATION

Intro

Events

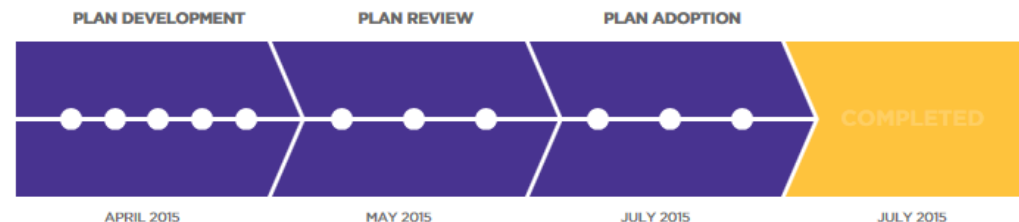
FEMA Resources

Parish Plans

## Cameron Parish

PLAN DUE DATE: **06.02.2015**

### DEVELOPMENT STATUS



DEC  
03

### CAMERON KICK OFF MEETING

Cameron  
2:00 – 3:00 pm

[DETAILS >>](#)

MAR  
24

### CAMERON RISK ASSESSMENT

Cameron Parish  
1:00 – 2:00 pm

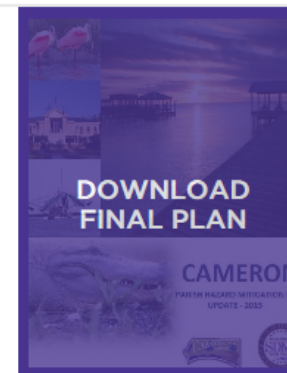
[DETAILS >>](#)

MAR  
24

### CAMERON PUBLIC MEETING

Cameron Parish  
3:00 – 4:30 pm

[DETAILS >>](#)



## PRIMARY POINTS OF CONTACT

### LAUREN STEVENS

SDMI Planning Team Lead  
P: (225) 578-0502  
lstevens@lsu.edu

### DANNY LAVERGNE

Parish OHSEP Director  
P: (337) 775-7048

### KIRK QUINN

Parish President  
P: (337) 775-5718

# Contact Info

**Brant Mitchell, SDMI Director of Research & Operations**

[bmitch9@lsu.edu](mailto:bmitch9@lsu.edu)

(225) 578-5939

**Lauren Stevens, Associate Director**

[lstevens@lsu.edu](mailto:lstevens@lsu.edu)

(225) 578-0502

**Chris Rippetoe, Hazard Mitigation Program Manager**

[crippe2@lsu.edu](mailto:crippe2@lsu.edu)

(225) 578-6667

**Stephenson Disaster Management Institute**

[www.sdmi.lsu.edu](http://www.sdmi.lsu.edu)

