



# **Lafourche Parish Hazard Mitigation Plan Update Planning Committee Meeting**

July 22, 2020

ZOOM Video Conference



# Introductions

- Officials
- LSU-SDMI team members
- GOHSEP Hazard Mitigation team
- Lafourche OHSEP



# 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;
- Address any weaknesses identified in the previous plan review.
- Must be multijurisdictional



# 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



# The Planning Team: A Multi-jurisdictional Approach

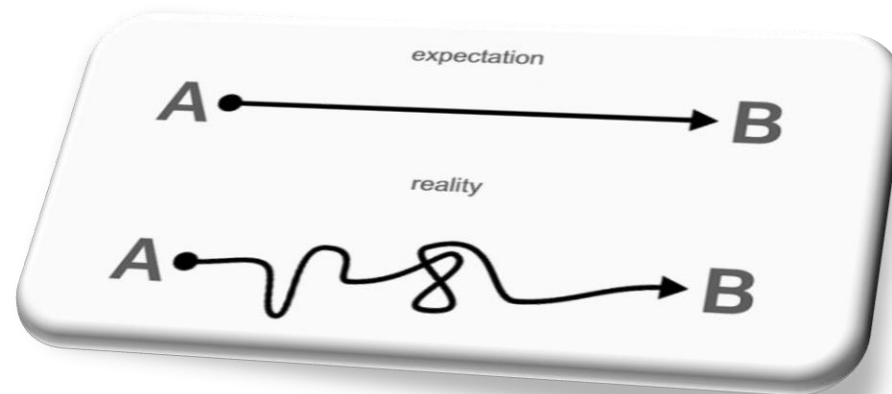
- Each jurisdiction will have at least one representative on the planning team.
- This representative will need to report back to their community on a regular basis, as well as gather feedback and input into the plan.
- Each jurisdiction is responsible for gathering NFIP, Capability Assessment, Critical Facilities and Vulnerable Population data for the plan.
- Each jurisdiction is responsible for updating mitigation actions and proposing new actions for the update.



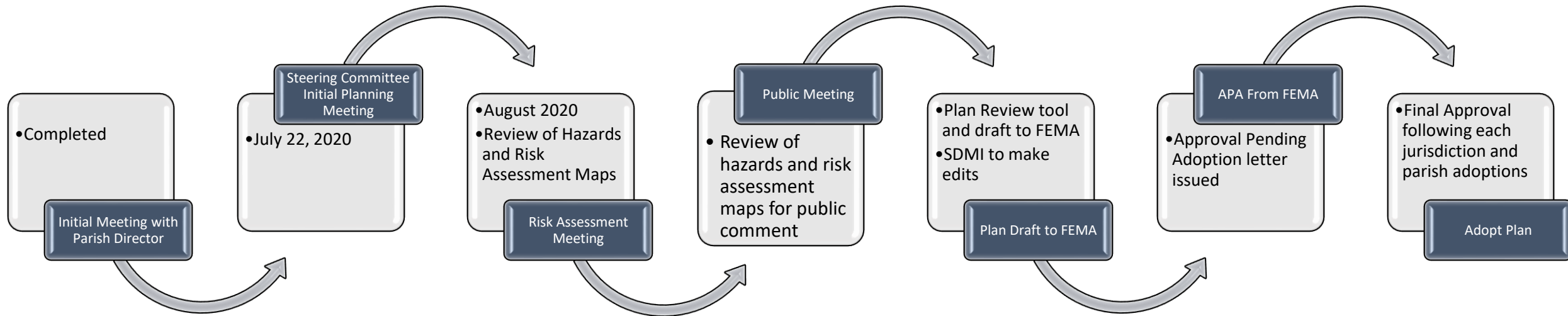
# Expectations

## Jurisdictions/Planning Committee

- 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



# 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
  - New actions
  - Action updates
  - Survey results



# Plan Layout

- Appendix A: Planning Process
- Appendix B: Plan Maintenance
- Appendix C: Parish Essential Facilities
- Appendix D: Plan Adoption
- Appendix E: State Required Worksheets
- Appendix F: Community Rating System (CRS)



# 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 (Previous Update)

- Flooding



- Tropical Cyclones

- Coastal Hazards

- Sinkholes

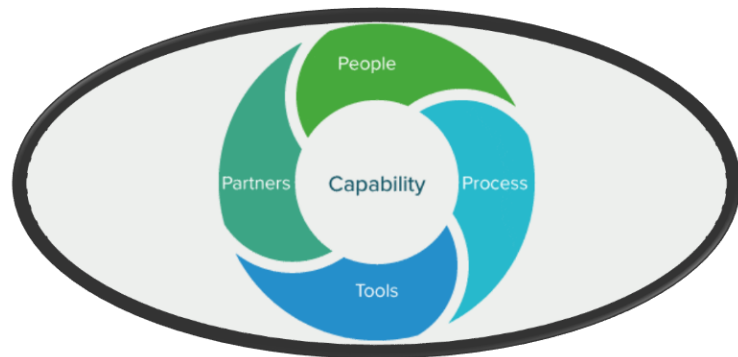
- Tornadoes



# 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

- Identify and pursue preventative structural and non-structural measures that will reduce future damages from hazards.
- Enhance public awareness and understanding of disaster preparedness.
- Reduce repetitive flood losses in the parish by pursuing various mitigation measures (acquisitions, elevations, and flood-proofing).
- Facilitate sound development in the parish and municipalities so as to reduce or eliminate the potential impact of hazards.



# Section 4: Mitigation Action Update and New Mitigation Actions

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for 2020 Update for each jurisdiction



| Jurisdiction-Specific Action                     | Action Description                          | Funding Source                                     | Target Completion Date | Responsible Party, Agency, or Department   | Hazard                      | Goal | Status |
|--|---|--|------------------------|--|-----------------------------|------|--------|
| LP1: LA 1 Improvement Project Phase II Segment A | LA 1 Improvement Project Phase II Segment A | LA Capital Outlay Program: LA Coalition, Inc; FEMA | 5 years                | Lafourche Parish Government/Louisiana Department of Transportation & Development | Flooding, Tropical Cyclones | 1, 4 | New    |
| LP2: LA 1 Improvement Project Phase II Segment B | LA 1 Improvement Project Phase II Segment B | USDOT Tiger Grant Program; RESTORE Act; OCS; FEMA  | 5 years                | Lafourche Parish Government/Louisiana Department of Transportation & Development | Flooding, Tropical Cyclones | 1, 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
- Steering committee members identified

## Appendix B: Plan Maintenance

- Review of HM plan **annual** maintenance by the Lafourche Parish OHSEP Director.
- Assign responsible parties for review and edits of the plan



# Appendix C: Essential Facilities

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



# Appendix D: Plan Adoption

- Parish council and city council resolutions must be adopted, signed, and placed into the final planning document

On motion by Phillip Gouaux, seconded by Lindel Toups, the following resolution was introduced and adopted:

## RESOLUTION NO. 15-306

**RESOLUTION ADOPTING THE LAFOURCHE PARISH HAZARD MITIGATION PLAN UPDATE; AND AUTHORIZING THE PARISH PRESIDENT TO SIGN, EXECUTE AND ADMINISTER ANY AND ALL RELEVANT DOCUMENTS.**

**WHEREAS**, Lafourche Parish Government recognizes the threat that natural hazards pose to people and property within Lafourche Parish; and

**WHEREAS**, Lafourche Parish Government has prepared a multi-hazard mitigation plan, hereby know as Lafourche Parish Hazard Mitigation Plan Update in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, Lafourche Parish Hazard Mitigation Plan, updated June 2015, identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Lafourche Parish from the impacts of future hazards and disasters; and

**WHEREAS**, this resolution was sponsored for Administration by Mr. Phillip Gouaux, Councilman, District 7; and

**WHEREAS**, it is recommended by the Administration of Lafourche Parish Government that the Council does hereby adopt the Lafourche Parish Hazard Mitigation Plan Update; and authorizes the Parish President to sign, execute and administer any and all relevant documents.

**THEREFORE, BE IT RESOLVED**, that the Lafourche Parish Council convened in regular session on September 8, 2015, and does hereby adopt the Lafourche Parish Hazard Mitigation Plan Update; and authorizes the Parish President to sign, execute and administer any and all relevant documents.

**BE IT FURTHER RESOLVED**, that a certified copy of this resolution shall be forwarded to: Governor's Office of Homeland Security and Emergency Preparedness, Lafourche Parish Government: Office Of Homeland Security and Emergency Preparedness, Department of Finance, Department of Grants and Economic Development, and the Office of the Parish Administrator.

This resolution having been submitted to a vote, the vote thereon was as follows:

|              |                     |                           |                     |
|--------------|---------------------|---------------------------|---------------------|
| <b>YEAS:</b> | Mr. Jerry Jones     | Mr. Joseph "Joe" Fertitta | Mr. Phillip Gouaux  |
|              | Mr. Michael Delatte | Mr. John Arnold           | Mr. Jerry LaFont    |
|              | Mr. Aaron Caillouet | Mr. Lindel Toups          | Mr. Daniel Lorraine |

**NAYS:** None

**ABSENT:** None



# Appendix 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 -  |                 |                 |
|---|-----------------|-----------------|
| 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. |                 |                 |
| <b>Planning and Regulatory</b>  |                 |                 |
| Please indicate which of the following plans and regulatory capabilities your jurisdiction has in place.  |                 |                 |
| <b>Plans</b>  | <b>Yes / No</b> | <b>Comments</b> |
| 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)  |                 |                 |
| <b>Building Code, Permitting and Inspections</b>  | <b>Yes / No</b> |                 |
| Building Code   |                 |                 |
| Building Code Effectiveness Grading Schedule (BCEGS) Score  |                 |                 |
| Fire Department ISO/PIAL rating   |                 |                 |
| Site plan review requirements   |                 |                 |
| <b>Land Use Planning and Ordinances</b>   | <b>Yes / No</b> |                 |
| 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   |                 |                 |
| <b>Administration and Technical</b>   |                 |                 |

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



# Appendix E: State Required Worksheets – 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

# Appendix E: State Required Worksheets – Critical Facilities and Vulnerable Populations

[illegible]

# Plan Update Worksheet – NFIP

| ELEMENT F: STATE REQUIREMENT  |  |                 |
|---|--|-----------------|
| National Flood Insurance Program (NFIP)   |  |                 |
|   |  |                 |
|   |  |                 |
| <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>  |  |                 |
| 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>   |  |                 |
| 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



# Appendix F: Community Rating System

- Only applies to CRS communities
- This appendix must be entirely provided by the parish



OMB No. 1660-0022  
Expires: March 31, 2020

National Flood Insurance Program  
Community Rating System

## Coordinator's Manual

FLA-15/2017



FEMA

## Community Rating System

- The goal is to encourage communities and states to exceed the minimum standards of the NFIP by the use of flood insurance premium adjustments
- The objective is to reward communities that are exceeding the minimum standards



FEMA

CRS Overview

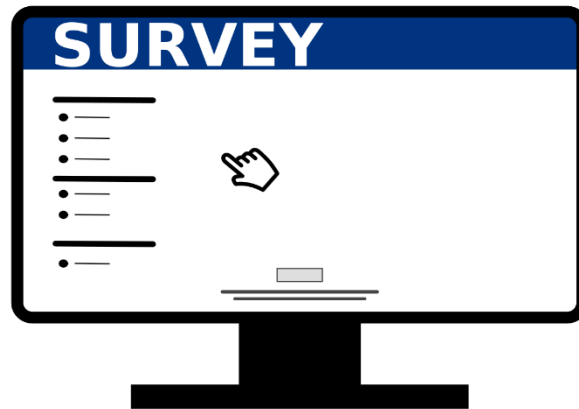


LSU

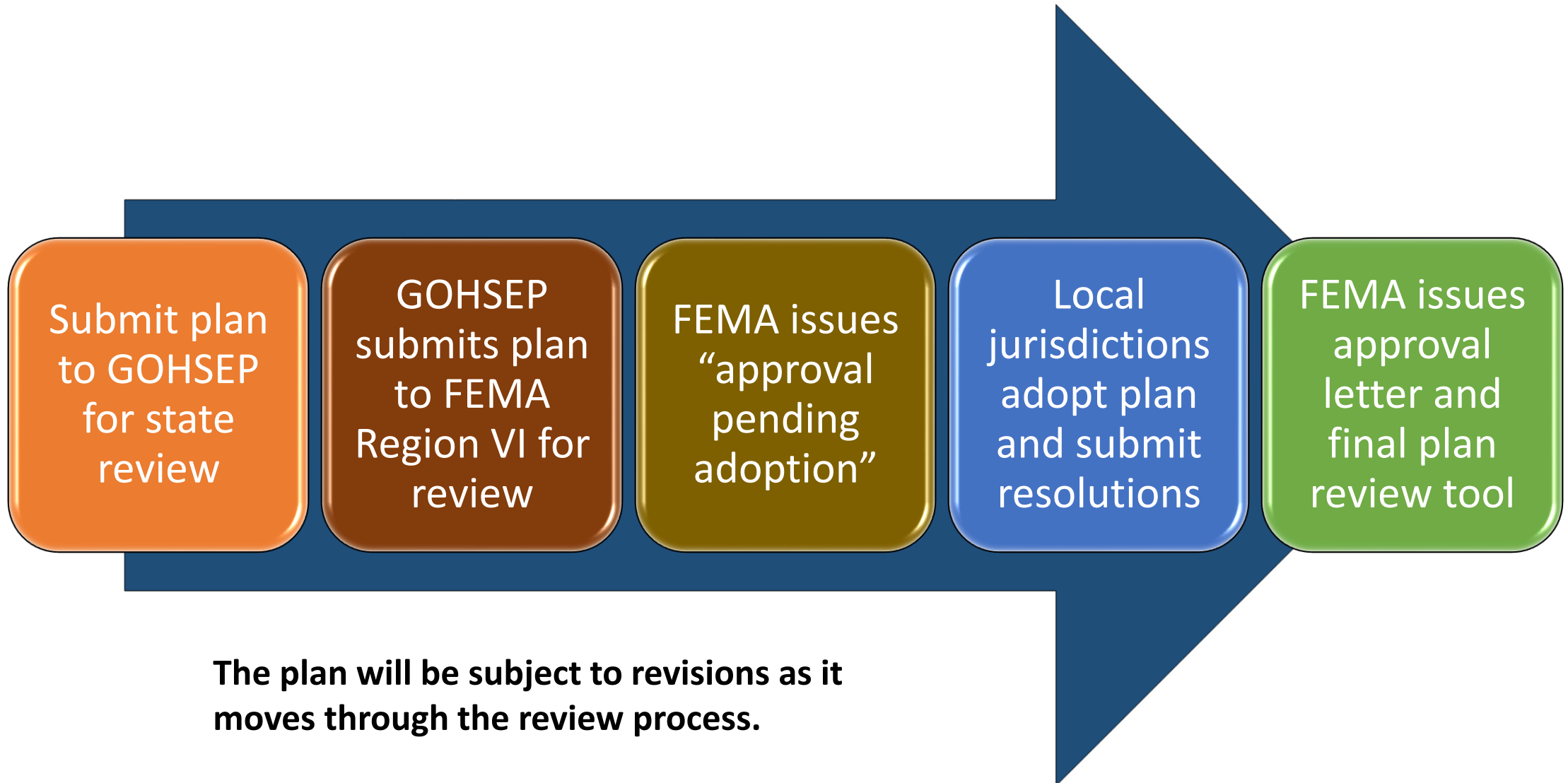
Stephenson Disaster  
Management Institute

# 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/LafourcheHM2020>



# 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



# Questions?



# Contact Us

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