



St. Tammany Parish Hazard Mitigation Plan Update Kick-off Meeting

March 5th, 2020

Covington, LA



Introductions

- Officials
- Mitigation Steering Committee members
- SDMI team members
- GOHSEP hazard mitigation team



Who is SDMI?

- Stephenson Disaster Management Institute (SDMI) at Louisiana State University
- Non Academic, Applied Research Unit on campus under the SNCSRT umbrella.
- SDMI worked with GOHSEP on the last round of HM updates





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!



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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
- Planning team must have representation from each jurisdiction
- 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

CODE OF FEDERAL REGULATIONS

44

Revised as of October 1, 2018

Emergency Management
and
Assistance

- 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



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The Planning Team: A Multi-jurisdictional Approach

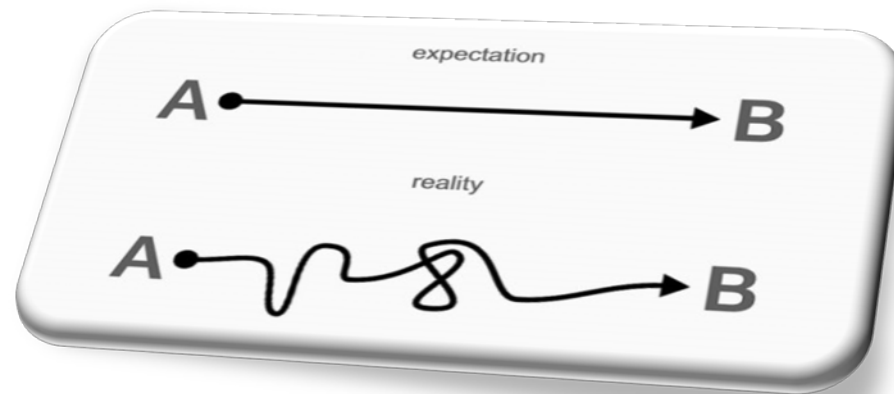
- Each jurisdiction will have at least one representative on the planning team.
- This representative will need to report back to their community on a regular basis, as well as gather feedback and input into the plan.
- Each jurisdiction is responsible for gathering NFIP, Capability Assessment, Critical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



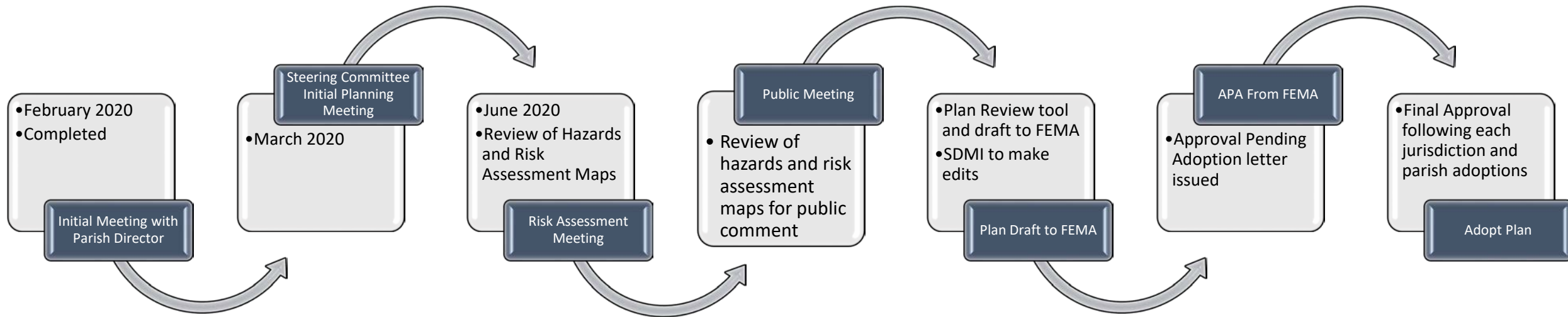
Expectations

Jurisdictions

- 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



ST TAMMANY
PARISH HAZARD MITIGATION
UPDATE - 2015



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



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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 (Previous Update)

- Coastal Land Loss
- Dam Failure
- Drought
- Earthquake
- Flooding
- Fog
- Levee Failure



- Termites
- Thunderstorms/
Lightning/High Winds
- Tropical Cyclones
- Tornadoes
- Wildfires



Section 2: Hazard Identification and Risk Assessment

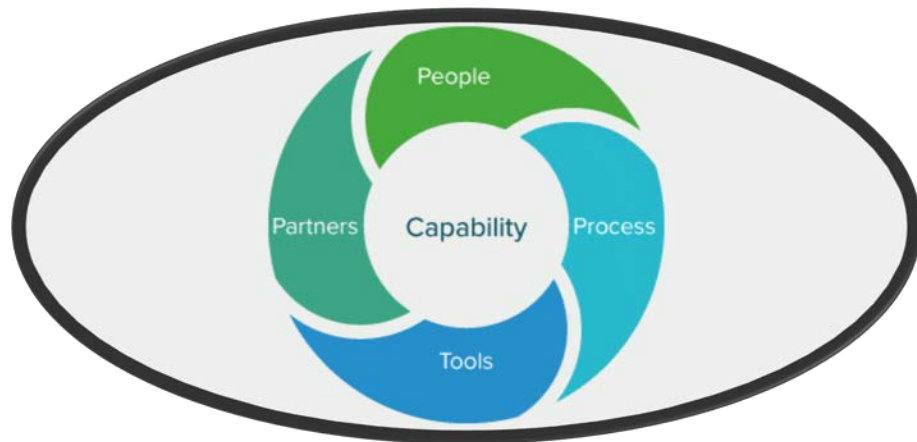
- Based on currently profiled risks
- Previous occurrences
- Probability of future events
- Essential Facilities
- Hazard Impact
- Future Development
- Future Hazard Impacts



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



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Section 4: Mitigation Strategy

St Tammany Parish Goals

- Identify and pursue preventative structural and non-structural measures that will reduce future damages.
- Enhance public awareness and understanding of disaster preparedness.
- Reduce repetitive flood losses in parish and municipalities.
- Facilitate sound building practices in the parish and municipalities so as to reduce or eliminate the potential impact of hazards.
- Improve the ability of the parish and municipalities to rapidly recover and restore facilities and services to the public.



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Mitigation Action Update and New Mitigation Actions

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for 2020 Update for each jurisdiction
- Is a mitigation action workshop needed?



Mitigation Actions for Town of Madisonville							
Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Goal	Status
1.1.3: Safe Room Project	The project will include design and construction for Multi-use Facility and Safe Room.	FEMA/ HMPG	1-3 years	St Tammany Parish/ Madisonville	Tornado	1,2,3	New
1.1.4: Safe Drinking Water Initiative	To maintain compliance with the more robust chlorine residual requirements recently mandated by the Louisiana Department of Health and Hospitals, Tammany Utilities (TU) would like to purchase automatic flush valves to install throughout the distribution systems of our Public Water Systems.	EPA, State, Local, HMPG	1-5 years	St Tammany Parish/ Environmental Services/ Madisonville	Flooding, Tropical Cyclone	1,2,3	New

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

Section 4: Project Updates

- Provide status update of projects from last update (in progress, completed, or deleted).



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 St Tammany 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

1 THE FOLLOWING RESOLUTION WAS INTRODUCED BY COUNCIL
2 MEMBER BUCHHOLZ; AND SECONDED FOR ADOPTION BY COUNCIL
3 MEMBER DANIELSON
4
5 RESOLUTION NO. 15-33
6
7 A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
8 MANDEVILLE ADOPTING THE CHANGES TO THE CITY OF
9 MANDEVILLE'S UPDATED HAZARDS MITIGATION PLAN ORIGINALLY
10 PASSED IN 2004 AND THE CHANGES ADOPTED IN 2010.
11
12 WHEREAS, the City of Mandeville is subject to tropical storms, hurricanes, flooding,
13 tornadoes, and other natural hazards that can damage property, close businesses, disrupt traffic
14 and present a public health and safety hazard; and
15
16 WHEREAS, several Federal programs require that the City of Mandeville have an
17 adopted hazard mitigation plan to qualify for Federal benefits;
18
19 WHEREAS, the City of Mandeville passed a resolution which adopted the Natural
20 Hazards Mitigation Plan in 2004 and adopted changes to the Plan in 2010; and
21
22 WHEREAS, the Natural Hazards Mitigation Plan is required by the Federal Emergency
23 Management Agency (FEMA) to be updated and revised every 5 years; and
24
25 WHEREAS, the City of Mandeville desires to participate in the updated Natural
26 Hazards Mitigation Plan 2015 prepared by St. Tammany Parish Council comprised of Parish-
27 wide representatives; and
28
29 WHEREAS, the St. Tammany Parish's Natural Hazards Mitigation Plan 2015 update
30 will include the City of Mandeville which in the past has had an individual plan. The addition
31 will make this Natural Hazards Mitigation Plan a comprehensive parish-wide jurisdiction plan.
32
33 NOW, THEREFORE, BE IT RESOLVED that the Mandeville City Council hereby
34 adopts the said updated Hazards Mitigation Plan on behalf of the City of Mandeville and St.
35 Tammany Parish.
36 With the above resolution having been properly introduced and duly seconded, the vote
37 was as follows:
38 AYES: 4 (Danielson, Madden, Buchholz, Ellis)
39 NAYS: 0
40 ABSENT: 1 (Burguières)
41 ABSTENTIONS: 0
42 and the resolution was declared adopted this 11th day of June, 2015.
43
44 Kristine Scherer Rick S. Danielson
45 Clerk of Council Council Chairman
46
47



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.		
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)

Plan Update Worksheet – NFIP

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



Appendix E: State Required Worksheets – Building Inventory

Critical Facility (If Yes, Mark X)	Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Covington	Law Enforcement	City Hall & Police Department	609 N. Columbia St.	Covington	30° 28' 45.53"N	90° 5' 44.05"W	\$ 2,145,000.00	1960	Wood
	Utilities	Maintenance (Maintenance Barn)	1300 W. 27th Ave.	Covington	30° 29' 16.35"N	90° 6' 31.58"W	\$ 350,000.00	1960	Metal
	Utilities	Maintenance (Vehicle Storage Shed)	1300 W. 27th Ave.	Covington	30° 29' 15.95"N	90° 6' 32.26"W	\$ 54,000.00	1960	Metal
	Utilities (water)	Tower & Pump Shed (Water Tower)	436-444 N. Theard St.	Covington	30° 28' 40.78"N	90° 5' 49.41"W	\$ 135,000.00	1960	Metal
	Utilities (water)	Tower & Pump Shed (Old Pump Bldg.)	436-444 N. Theard St.	Covington	30° 28' 41.20"N	90° 5' 49.09"W	\$ 72,000.00	1960	Reinforced Masonry
	Parks/Recreation	Bogue Falaya Park (Park Pavillion)	213 Park Dr.	Covington	30° 28' 14.35"N	90° 5' 41.06"W	\$ 216,000.00	1960	Wood
	Parks/Recreation	Bogue Falaya Park (Park Picnic Shelter)	213 Park Dr.	Covington	30° 28' 15.00"N	90° 5' 42.25"W	\$ 12,600.00	1970	Wood
	Parks/Recreation	Bogue Falaya Park (Park Storage Bldg.)	213 Park Dr.	Covington	30° 28' 13.93"N	90° 5' 41.49"W	\$ 19,200.00	1960	Metal

- 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]

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

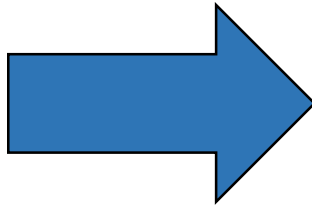


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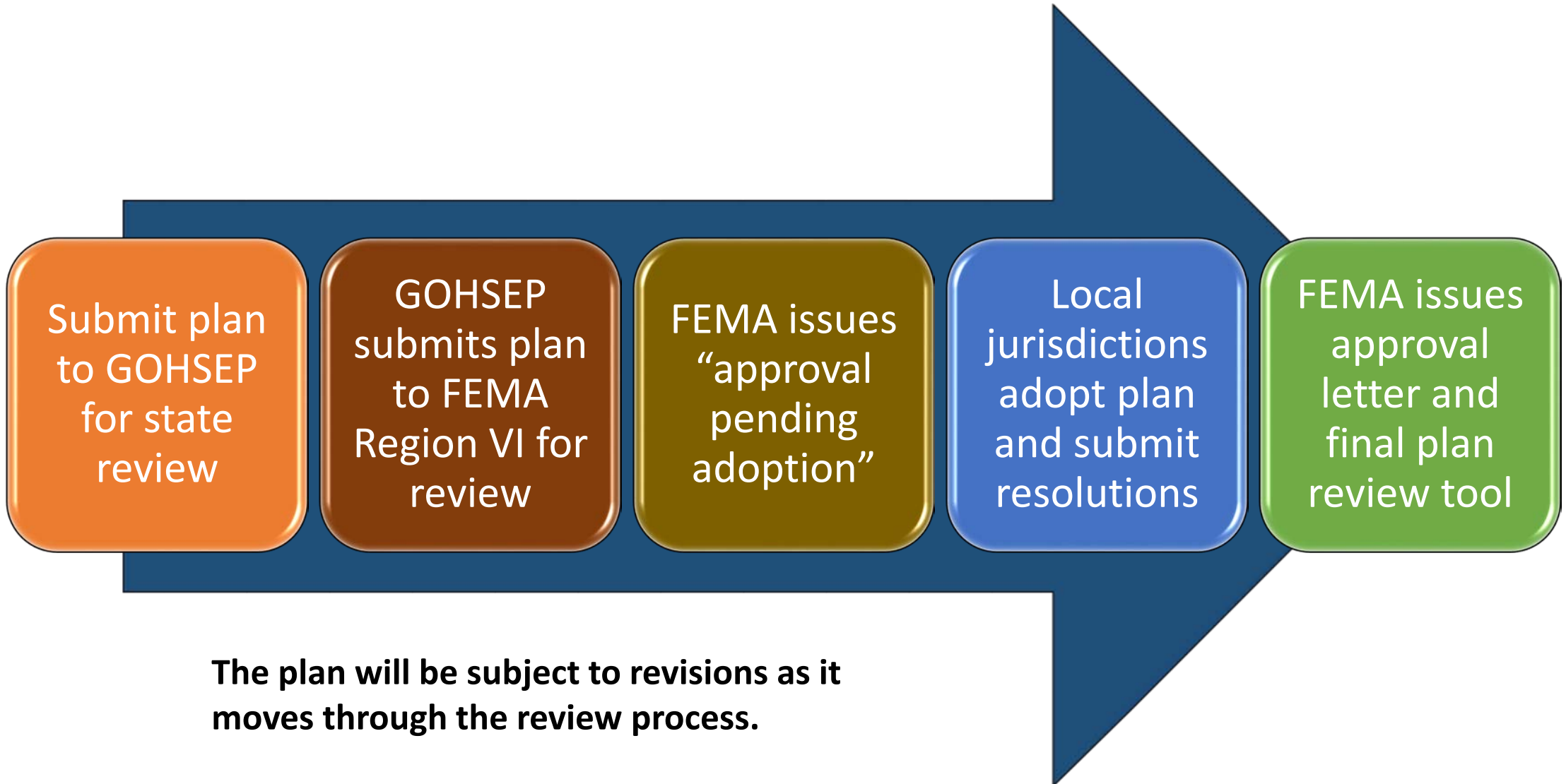
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Parish Mitigation Survey

- 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/StTammanyHM2020>



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



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