



# 2025 Plaquemines Parish Hazard Mitigation Plan Update

Mitigation Action Workshop

February 12, 2025



# Introductions

- **Plaquemines Parish OHSEP Director**
  - Patrick Harvey – Director
- **Stephenson Disaster Management Institute (SDMI) at LSU**
  - Chris Rippetoe – Hazard Mitigation Program Manager
  - Jason Martin – Emergency Management Analyst
  - Brian Stevens – Special Projects Manager
- **Governor's Office of Homeland Security and Emergency Preparedness**
  - Jeffrey Giering – State Hazard Mitigation Officer
  - Marion Pearson – Hazard Mitigation Planner
  - Chris Olvey - Hazard Mitigation Technical Services Section Chief



# Agenda

- Review/Update State Required Worksheets
- Existing Actions Update
- New Action Identification
- New Action Form
- Outstanding Items
- Update on Planning Timeline
- Questions/Adjourn



# Appendix E: State Required Worksheets

Each worksheet **MUST** be filled out:

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





# Capability Assessment

Capability Assessment Worksheet - Plaquemines Parish		
Local mitigation capabilities are existing authorities, polices 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	Yes	
Economic Development Plan	Yes	
Local Emergency Operations Plan	Yes	
Continuity of Operations Plan	No	
Transportation Plan	Yes	
Stormwater Management Plan	No	
Community Wildfire Protection Plan	No	
Other plans (redevelopment, recovery, coastal zone management)	Yes	
Building Code, Permitting and Inspections	Yes / No	Comments
Building Code	Yes	LSUCC
Building Code Effectiveness Grading Schedule (BCEGS) Score	No	
Fire Department ISO/PIAL rating	Yes	Dist 1 - 5; Dist 2 - 4, Dist 3 - 5, Dist 4 - 5, Dist 5 - 6, Dist 6 - 4, Dist 7 - 5
Site plan review requirements	Yes	
Land Use Planning and Ordinances	Yes / No	Comments
Zoning Ordinance	Yes	Local
Subdivision Ordinance	Yes	Local
Floodplain Ordinance	Yes	FEMA
Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire)	No	
Flood Insurance Rate Maps	Yes	Paper & digital
Acquisition of land for open space and public recreation uses	Yes	
Other	No	

*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)	
Plaquemines Parish	
<b>Insurance Summary</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 within 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?	
<b>Regulation</b>	
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?	
<b>Community Rating System (CRS)</b>	
Does the community participate in CRS?	
What is the community's CRS Class Ranking?	
Does the plan include CRS planning requirements?	

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



# Building Inventory

Plaquemines Parish Owned Building Information								
Name of Building	Purpose of Building	Address	City	Latitude	Longitude	Assessed Value	Date Built	Construction Type
Belle Chasse Elementary School	School	539 F Edward Hebert Boulevard	Belle Chasse	29.89271091	-89.97442154	\$16,645,000	1993	Concrete
Belle Chasse Middle School	School	13476 Louisiana 23	Belle Chasse	29.73170346	-90.00765911	\$17,532,608	1955	Concrete
Belle Chasse High School	School	8346 Louisiana 23	Belle Chasse	29.855084	-89.986613	\$25,282,010	1958	Concrete
Boothville-Venice Elementary School	School	1 Oiler Drive	Boothville	29.3362089	-89.40614662	\$17,955,000	1975	Concrete
South Plaquemines Elementary School	School	311 Civic Drive	Port Sulphur	29.47702884	-89.69587647	\$31,009,059	2014	Concrete
South Plaquemines High School	School	34121 Louisiana 23	Buras	29.36639048	-89.571664	\$42,730,854	2013	Concrete
Plaquemines Parish Library - Belle Chasse Branch	Library	8442 Louisiana 23	Belle Chasse	29.85288602	-89.98738298	\$903,000		Concrete
Plaquemines Parish Library - Buras Branch	Library	35572 Louisiana 11	Buras	29.35505758	-89.52857848	\$3,400,000		Concrete
Plaquemines Parish Sheriff's Office	Law Enforcement	8022 Louisiana 23	Belle Chasse	29.859967	-89.99271	\$3,400,000		Concrete
Plaquemines Parish Detention Center	Law Enforcement	16801 Louisiana 15	Davant	29.59852126	-89.82469493	\$98,000,000		Concrete
Belle Chasse Fire Department No. 3	Fire & SAR	13476 Louisiana 23	Belle Chasse	29.73145628	-90.00625335	\$266,000		Metal
Braithwaite Fire Department	Fire & SAR	7163 Louisiana 39	Braithwaite	29.76465048	-90.01681897	\$381,000		Metal
O'Brien Fire Station	Fire & SAR	31725 Louisiana 23	Buras	29.415777	-89.612943	\$800,000		Metal
Boothville-Venice Volunteer Fire Station	Fire & SAR	42661 Louisiana 23	Venice	29.280489	-89.359516	\$7,165,000		Concrete
Buras Volunteer Fire Department	Fire & SAR	35410 Louisiana 23	Buras	29.358123	-89.532143	\$3,544,000		Concrete
Belle Chasse Volunteer Fire Department	Fire & SAR	216 Engineers Road	Belle Chasse	29.87322172	-90.01400958	\$767,000		Metal
Port Sulphur Fire Department	Fire & SAR	114 Civic Drive	Port Sulphur	29.47991641	-89.69490782	\$6,900,000		Concrete
Port Sulphur EMS	EMS	114 Civic Drive	Port Sulphur	29.479799	-89.69505			Concrete
Plaquemines Parish Government Building	Government	8056 Louisiana 23	Belle Chasse	29.859303	-89.991907	\$3,152,000		Concrete
Plaquemines Parish Government Annex Building	Government	301 Main St	Belle Chasse	29.856796	-89.983583	\$2,800,000		Metal
Plaquemines Parish Government Complex	Government	333 F Edward Hebert Boulevard	Belle Chasse	29.896769	-89.979355	\$20,000,000		Concrete
Belle Chasse Water Treatment Plant	Water Treatment	107 E Cuevas St Belle Chasse	Belle Chasse	29.853973	-89.984769	\$2,500,000		Concrete
Port Sulphur Water Treatment Plant	Water Treatment	228969 Hwy 23 Port Sulphur	Port Sulphur	29.57171	-89.80426			Concrete
Boothville Water Treatment Plant	Water Treatment	38903 Hwy 23 Boothville	Boothville	29.352744	89.440814	\$660,000		Concrete
Dalcour Water Treatment Plant	Water Treatment	170 Water Plant Rd	Braithwaite	29.857895	-89.922159	\$500,000		Concrete
Ponte a la Hache Water Treatment Plant	Water Treatment	17581 Hwy 15 PALH	Pointe a la Hache	29.586281	-89.807102	\$423,000		Concrete
Belle Chasse Wastewater Treatment Plant	Wastewater Treatment	126 Sewer Plant Rd Belle Chasse	Belle Chasse	29.481758	-90.04915	\$661,000		Concrete
Port Sulphur Wastewater Treatment Plant	Wastewater Treatment	180 Lee Dr, Port Sulphur	Port Sulphur	29.48223	-89.701512	\$2,300,000		Concrete
Buras Wastewater Treatment Plant	Wastewater Treatment	120 Eldorado Dr, Buras	Buras	29.34173	-89.516918	\$900,000		Concrete
Boothville Wastewater Treatment Plant	Wastewater Treatment	135 Sewer Plant Rd Boothville	Boothville	29.315745	-89.385583	\$200,000		Concrete
Davant Wastewater Treatment Plant	Wastewater Treatment	15337 Hwy 15 Davant	Davant	29.62163	-89.867127			Concrete
Braithwaite Wastewater Treatment Plant	Wastewater Treatment	1165 Hwy 39 Braithwaite	Braithwaite	29.852986	-89.90943			Concrete
Ironton Oxidation Pond	Wastewater Treatment	17200 Hwy 23 Ironton	Ironton	29.637983	-89.970359			
Myrtle Grove Oxidation Pond	Wastewater Treatment	17200 Hwy 23 Ironton	Ironton	29.637983	-89.970359			
Belle Chasse Pump Station No. 1	Pumping Station	294 Pump Station Road	Belle Chasse	29.852584	-90.019209	\$7,000,000	1964	Metal
Belle Chasse Pump Station No. 2	Pumping Station	5307 Forest Park Lane	Belle Chasse	29.895858	-89.997646	\$7,000,000	1996	Metal
Barriere Road Pump Station	Pumping Station		Belle Chasse	29.85588	-90.021382			Metal



# Vulnerable Populations

Vulnerable Populations Worksheet - Plaquemines Parish					
All Hospitals (Private or Public)					
Name	Address	City	Zip Code	Latitude	Longitude
Ochsner Health Center	7772 Hwy 23	Belle Chasse	70037	29.86423231	-89.99895747
Plaquemines Medical Center	27136 Hwy 23	Port Sulphur	70083	29.50187156	-89.71671523
Nursing Homes (Private or Public)					
Name	Address	City	Zip Code	Latitude	Longitude
Riverbend Nursing Home	13735 Hwy 23	Belle Chasse	70037	29.727619	-89.999352
Mobile Home Parks					
Name	Address	City	Zip Code	Latitude	Longitude
Unknown Mobile Home Park	22 Trey Ln	Belle Chasse	70037	29.81908564	-90.01086919
Unknown Mobile Home Park	106 River Oaks Dr	Belle Chasse	70037	29.79899265	-90.02124789
Unknown Mobile Home Park	116 Badalamenti Ln	Belle Chasse	70037	29.78500612	-90.02381692
Unknown Mobile Home Park	126 W. Oak Grove Ln.	Belle Chasse	70037	29.7693862	-90.02917996
Unknown Mobile Home Park	114 Naomi Dr.	Belle Chasse	70037	29.70309472	-89.99058251
Unknown RV Park	110 Windmill Ln.	Belle Chasse	70037	29.70196911	-89.98995373
Unknown RV Park	14723 Hwy 23	Belle Chasse	70037	29.70599175	-89.98906184
Unknown Mobile Home Park	123 Timber Ridge St.	Belle Chasse	70037	29.87476098	-90.01899906
Pelicans Point	29574 Hwy 23	Port Sulphur	70083	29.45227407	-89.65437445
Gauthier's Get-Away	Nearby: 29820-29828 Louisiana 23	Port Sulphur	70083	29.45068322	-89.64590788
J-Bar Sportsman Lodge and RV Park	32798 Hwy 11	Buras	70041	29.39090492	-89.60352639
Danos Mobile Home Rentals	R P Ln.	Buras	70041	29.33814858	-89.47413114
Kimberly's Kourt	Nearby: 101-199 Moaks Lane	Buras	70041	29.34334807	-89.46689513
Goodman's Trailer Park	Nearby: 100-168 Goodman Lane	Buras	70041	29.35115966	-89.43342838
Unknown Mobile Home Park	121 Ostrica Ln.	Buras	70041	29.34242469	-89.41484151
Jim's RV Sites	Nearby: 41180-41198 Louisiana 23	Buras	70041	29.31389041	-89.38668352
Unknown Mobile Home Park	Yvonne Ln.	Buras	70041	29.31251698	-89.38603406
Delta Dragon RV Park	42101 Highway 23	Buras	70041	29.2926355	-89.36978482
Stumps RV Park	113 Stump Ln.	Venice	70091	29.27499962	-89.35613672
Targa RV Park	193 Sooner Ln.	Venice	70091	29.2724111	-89.3560175
Phi Boothville Housing	100 Ernies Ln.	Boothville	70041	29.33294787	-89.40202936
C&H Mobile Home Park	26180 Hwy 23	Port Sulphur	70083	29.51456901	-89.72609282





# Existing Action Updates

- The parish must provide updates to current mitigation actions
- If not completed during this meeting, updates must be provided to SDMI by the date agreed upon by the parish.

Plaquemines Parish New Mitigation Actions						
Jurisdiction-Specific Action	Action Description	Funding Source	Target Completion Date	Responsible Party, Agency, or Department	Hazard	Status
PLAQ1: Building Retrofits	Retrofit public buildings to maintain use during and after storm events. Reduces damage from high winds, and helps assure that the public buildings can be used, occupied and operable during or after storms.	HMGP, Local, and Regional	1-5 years	Plaquemines Parish Government, Plaquemines OHSEP, Plaquemines Parish Engineering & Public Works Dept.	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones	
PLAQ2: Drainage Improvements	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. Relieves parish or local government and property owners 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 storm periods.	HMGP, Local, and Regional	1-5 years	Plaquemines Parish Government, Plaquemines OHSEP, Plaquemines Parish Engineering & Public Works Dept.	Flooding, Levee Failure, Thunderstorms, Tropical Cyclones	
PLAQ3: Mitigation of Repetitive Loss and Severe Repetitive Loss Properties	Elevation, acquisition-demolition, acquisition-relocations, and reconstruction of repetitive loss or flooding or other hazard prone properties.	HMGP, Local, and Regional	1-5 years	Plaquemines Parish Government, Plaquemines OHSEP, Plaquemines Parish OHSEP	Flooding, Levee Failure, Thunderstorms, Tropical Cyclones	
PLAQ4: Safe Room Projects	Construction of a safe room for first responders located in Plaquemines Parish. Other locations will be identified based on funding availability.	HMGP, Local	1-5 years	Plaquemines Parish Government, Plaquemines OHSEP, Plaquemines Parish Engineering & Public Works Dept.	Thunderstorms, Tornadoes, Tropical Cyclones	



# Existing Action Updates

- Acceptable status updates:
  - **Deleted** – You no longer want this action/project included in the 2025 update
  - **Completed** – The action/project has been completed
  - **Not Started/Carried Over** – This action/project was not started; you would like to carry it over in the next update
  - **In Progress/Ongoing** – This action/project has been started and/or is actively being worked on



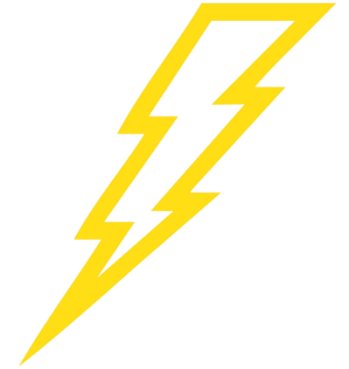
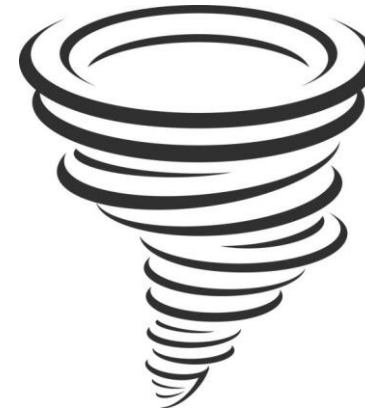
# Existing Action Updates

- You must have at least **ONE** new or carried over actions for each hazard profiled in the Risk Assessment
  - In Progress actions may also count for credit with appropriate status description
- Think about potential projects over the next 5 years
- Have priorities changed? Has development created a need for new projects?
- Are there regional projects to consider?
- Utilize the FEMA Mitigation Ideas Resources Guide



# Hazards for Action Consideration

- Coastal Hazards
- Flooding
- Levee Failure
- Saltwater Intrusion
- Sinkholes
- Thunderstorms
- Tornadoes
- Tropical Cyclones





# Filling Out Mitigation Action Forms

IMPLEMENTATION KEY FOR POTENTIAL HAZARD MITIGATION ACTIONS PLAQUEMINES PARISH	
DESCRIPTION	
PLAQUEMINES PARISH MITIGATION ACTION 1	
LEAD AGENCY	
SUPPORTING AGENCIES	
TIMELINE	
COST ESTIMATE	
POSSIBLE FUNDING SOURCE(S)	
ASSOCIATED GOALS	
PRIORITY	
Action Description	
Type of Mitigation Action	
How Action Aligns with Risk Reduction	
Current Status of Action	
Hazard Addressed	



# Filling Out Mitigation Action Forms

Title of Action

Must name  
position/agency

Doesn't need to  
be exact

PLAQUEMINES PARISH MITIGATION ACTION 1	
LEAD AGENCY	
SUPPORTING AGENCIES	
TIMELINE	
COST ESTIMATE	
POSSIBLE FUNDING SOURCE(S)	



# Filling Out Mitigation Action Forms

Must refer to  
goals as stated  
in plan



Assign priority  
based on TBD  
criteria



ASSOCIATED GOALS	
PRIORITY	



# Plaquemines Parish Goals

1. Reduce losses to existing and future property due to hazards
2. Protect the health and well-being of the people of Plaquemines Parish from negative effects of hazards
3. Ensure the abilities of emergency services providers to continue operating during hazardous events
4. Protect existing public and private infrastructure from damage





# Prioritizing Mitigation Actions

- **High Priority**

- Ongoing actions and/or actions that will provide maximum benefit that can be undertaken by existing parish staff with or without additional funding

- **Medium Priority**

- Actions with medium benefit and relatively low cost, political support, and public support but require additional funding/resources

- **Low Priority**

- Actions that require substantial funding and/or would result in limited benefit to the community



# Filling Out Mitigation Action Forms

Detailed  
description of  
action

4 types  
described in  
manual

Describe how  
action will  
benefit  
community

Action Description	
Type of Mitigation Action	
How Action Aligns with Risk Reduction	

# Types of Eligible Mitigation Actions

- **Local Plans and Regulations**

- Comprehensive plans
- Land use ordinances
- Stormwater management plans
- Open space preservation

- **Structure and Infrastructure Projects**

- Acquisitions/elevations
- Utility Undergrounding
- Structural retrofits
- Detention and Retention Structures

- **Natural Systems Protection**

- Wetland restoration/preservation
- Forest Management
- Sediment and erosion control

- **Education and Awareness Programs**

- Radio/television spots
- Websites with maps and information
- Mailings to residents in hazard-prone areas



# Filling Out Mitigation Action Forms

Action Status

List out hazards  
that will be  
mitigated by  
action

Current Status of Action

Hazard Addressed





# Next Steps

- Due Dates
  - Worksheets
  - Action Updates
- Dates for Next Meetings
  - 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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