

TERREBONNE PARISH HAZARD MITIGATION PLAN UPDATE 2023



**STEERING COMMITTEE MEETING #5
October 28, 2022**

Office of Homeland Security and Emergency Preparedness
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Reviewing and Identifying Mitigation Actions



- Review existing mitigation actions
- Identify new mitigation actions
- Next steps

Community Rating System (CRS) Steps



Mitigation Planning Elements*	CRS Planning Steps**
A. Planning Process	1. Organize to prepare the plan
	2. Involve the public
	3. Coordinate
	10. Implement, evaluate, revise
B. Hazard Identification and Risk Assessment	4. Assess the hazard
	5. Assess the problem
C. Mitigation Strategy	6. Set goals
	7. Review possible activities
	8. Draft an action plan
D. Plan Update	10. Implement, evaluate, revise 5-year update
E. Plan Adoption	9. Adopt the plan

Mitigation Actions



- Mitigation actions are a measure, project, plan or activity proposed to reduce current and future vulnerabilities described in the risk assessment.

The Fiscal Year 2022 BRIC program's priorities are to:

- Incentivize natural hazard risk reduction activities that mitigate risk to public infrastructure and disadvantaged communities, as referenced in [Executive Order 14008](#) - Tackling the Climate Crisis at Home and Abroad
- Incorporate nature-based solutions, including those designed to reduce carbon emissions
- Enhance climate resilience and adaptation
- Increase funding for the adoption and enforcement of the latest published editions of building codes
- Encourages hazard mitigation projects that meet multiple program priorities

Types of Mitigation Actions



Local Plans and Regulations



Structure and Infrastructure Projects



Natural Systems Protection



Education and Awareness Activities

FEMA Community Lifelines



Safety and Security - Law Enforcement/Security, Fire Service, Search and Rescue, Government Service, Community Safety



Food, Water, Shelter - Food, Water, Shelter, Agriculture



Health and Medical - Medical Care, Public Health, Patient Movement, Medical Supply Chain, Fatality Management



Energy - Power Grid, Fuel



Communications - Infrastructure, Responder Communications, Alerts Warnings and Messages, Finance, 911 and Dispatch



Transportation - Highway/Roadway/Motor Vehicle, Mass Transit, Railway, Aviation, Maritime



Hazardous Material - Facilities, HAZMAT, Pollutants, Contaminants

While lifelines were developed to support response planning and operations, the concept can be applied across the entire preparedness cycle.

Efforts to protect lifelines, prevent and mitigate potential impacts to them, and building back stronger and smarter during recovery will drive overall resilience of the nation.

<https://www.fema.gov/emergency-managers/practitioners/lifelines>

Previous Mitigation Actions



- Current status
 - Completed
 - Completed + To Be Continued
 - Partially Completed or In Progress
 - Delayed
 - Cancelled
- Description
 - Explain the current status
- Keep for 2023 plan?
 - Yes or No
- Updates or changes described for 2023

FEMA REQUIREMENT

The plan must include a status update for all mitigation actions identified in the previous mitigation plan!

Previous and Current Mitigation Actions



- Open current action tracker
- Open recovery project tracker

2023 New Mitigation Actions



- Water system viability
- Electrical grid hardening
- Roof hardening
- Hospital resilience
- Generators for essential facilities
- Business continuity planning
- Debris removal
- Additional flood mitigation actions
- Cooling center

Mitigation Assessment



- Several different methodologies
- Multi-criteria assessment
 - Social – Does the public support the mitigation?
 - Technical – Is the mitigation technically feasible and is it effective at reducing future losses?
 - Administrative – Are the resources available: staffing, funding, and maintenance requirements met?
 - Political – Is there a political champion and support?
 - Legal – Are proper laws, ordinances, and resolutions in place to support the mitigation?
 - Economic – Is the mitigation cost effective?
 - Environmental – How will the mitigation impact the land and water, endangered species?

Prioritizing Mitigation Action



Protection of
Lives

Scale of Impact

Hazards
Addressed

Approximate
Cost

Protection of
Critical Facilities

Internal
Capacity

Implementation
Timeline

Alignment with
Objectives

Equity Focus

Public Support

Next Steps



- HMP draft sections
- HMP review
- HMP revision