



STEERING COMMITTEE MEETING #5
October 28, 2022

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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 Element	ts* 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
	6. Set goals
C. Mitigation Strategy	7. Review possible activities
	8. Draft an action plan
D. Plan Update	10. Implement, evaluate, revise5-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

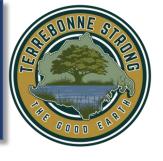
Implementation Timeline

Alignment with Objectives

Equity Focus

Public Support

Next Steps



- HMP draft sections
- HMP review
- HMP revision