



2023 Angleton Hazard Mitigation Plan

Meeting #2: Risk and Capability Assessment

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Meeting Agenda

- Welcome
- March Meeting Recap:
 - Risk Identification Categories
 - Questions from last meeting
 - Where are we now?
- Capability Assessment
 - What is it?
 - Types of resources
- Worksheets

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March Meeting Recap: 2018 Hazards Ranked by Risk

Risk Rating	Ranking	Hazard Name
Hazards Ranked by Risk		
Each identified hazard poses a risk to Brazoria County. Ranking the hazards from greatest to lowest risk allows the communities to prioritize their resources and focus efforts where they are most needed.		
Risk Rating	Ranking	Hazards
High	1	Flooding
	2	Hurricanes and Tropical Storms
	3	Tornadoes
Moderate	4	Drought
	5	Lightning
	6	Heat Events
	7	Hail
Low	8	Expansive Soils
	9	Winter Weather
	12	Coastal Erosion

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Questions from last meeting

- Cyber security & man-made hazards?
 - BRIC and FMA awards cannot fund a stand-alone cybersecurity project. An eligible cybersecurity activity must serve as a functional component of an eligible mitigation activity and otherwise meet all applicable programmatic requirements.

Example: Harden facilities (buildings, wiring, rooms) that house the cybersecurity system component such as computers, hardware, or the system's servers

Source: https://www.fema.gov/sites/default/files/document/fema_bric-fma-cybersecurity-information-activities-112022.pdf

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Tentative Project Timeline

- **March 16**, Meeting 1: Kickoff
- **April 20**, Meeting #2: Hazard Identification & Risk Assessment ←
- **May**, Meeting #3: Capability Assessment
- **June**, Public Input Workshop
- **July**, Meeting #4: Policy Development & Project Identification (Mitigation Action Plan)
- **August**, Draft Plan Available for Public Comment
- **Meeting #5**: Adoption & Implementation



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Updated Project Timeline

	March	April	May	June	July	August	Sept.	Oct.	Nov.
Kickoff Meeting									
Risk Assessment		HAZUS							
Capability Assessment		We are Here							
Public Input Workshop/ Events				#1 June 17 th			#2		#3
Mitigation Action Plan Workshop									
Plan Drafting									
Review Final Draft									
Plan Adoption									
Submit Plan to State & FEMA									



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Capability Assessment

- What you are doing
- What you are not doing
- What you can do
- What you are doing wrong?

...helps to determine which mitigation actions are practical and likely to be implemented given a local government's various resources and capabilities.



Capability Assessment Components

- 1) An inventory of a local jurisdiction's relevant existing plans, ordinances, and programs
- 2) Analysis of a local jurisdiction's capacity to carry out existing plans, ordinances, and programs.



Policy & Regulatory Inventory

- Adequate building codes
- Land use, zoning and subdivision regulations
- Floodplain and storm water ordinances
- Comprehensive plans
- Capital improvement and transportation plans
- Facilities and needs studies
- Population growth and future development studies
- Economic development plans
- Emergency management response and recovery plans
- National Flood Insurance Program (NFIP) participation
- NFIP Community Rating System programs



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Hazard Mitigation Plan Worksheet Capability Assessment

Building Code, Permitting, and Inspections	Yes/ No	1. Are codes adequately enforced?
Building Code	<input type="checkbox"/>	Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS)	<input type="checkbox"/>	Score:
Fire department ISO rating	<input type="checkbox"/>	Rating:
Site plan review requirements	<input type="checkbox"/>	
Other (if any)		

Planning, Ordinances, & Regulatory Capability	Yes/ No	1. Is the plan/ordinance an effective measure for reducing hazard impacts? 2. Is the ordinance adequately administered and enforced?
Capital Improvements Plan (Regulates infrastructure in hazard areas)	<input type="checkbox"/>	
Comprehensive Plan	<input type="checkbox"/>	
Continuity of Operations Plan	<input type="checkbox"/>	
Disaster Recovery Plan	<input type="checkbox"/>	

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Planning, Ordinances, and Regulatory Capability

- Demonstrate commitment to guiding and managing growth, development, and redevelopment in a responsible manner
 - Examples: Mitigation planning, comprehensive land use planning, enforcement of zoning ordinances and building codes, protecting environmental resources in the community

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Administrative and Technical Capability

- Staff and skills for planning and mitigation such as:
 - Engineers
 - Planners
 - GIS analysts
 - Building inspectors
 - Emergency managers
 - Grant writers

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Financial Capability

- Resources available to fund mitigation actions such as:
 - Operating budgets
 - Stormwater utility fees
 - Development impact fees

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Education and Outreach Capability

- Existing programs that implement mitigation and communicate risk such as:
 - School programs
 - Firewise communities
 - Storm Ready communities
 - Hazard awareness campaigns
 - *Example: Tornado Awareness Month!*
 - Public Information Officer
 - Community newsletter

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Political Capability

- Guiding development away from identified hazard areas
- Restricting public investments or capital improvements within hazard areas
- Enforcing local development standards that go beyond minimum state or federal requirements
 - (e.g., building codes, floodplain management)

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Next Steps

- HAZUS, Website updates, Public & stakeholder survey, Begin drafting plan
 - H-GAC Staff
- Complete & return Capability Assessment worksheet, Determine dates for public events in June/July
 - Hazard Mitigation Committee

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Public & Stakeholder Online Survey

- Survey questions are being adapted from FEMA's Local Mitigation Planning Handbook and incorporating other sources
- When available: please share!

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