


# 2023 Multijurisdictional Hazard Mitigation Plan Update

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
  - Worksheet
- Public & Stakeholder Online Survey

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## March Meeting Recap: 2018 Hazards Ranked by Risk

Risk Rating	Ranking	Hazard Name
High	1	Flooding
	2	Hurricanes and Tropical Storms
	3	Wildfire
	4	Severe Thunderstorms
Moderate	5	Drought
	6	Lightning
	7	Excessive Heat
	8	Hail
Low	9	Winter Weather
	10	Tornado
	11	Dam and Levee Failure
	12	Expansive Soils



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## Risk Identification Categories

Hazard	Probability (P) (1, 2, 3, 4)	Severity (S) (1, 2, 4, 8)	Risk (P x S)	Ranking
Floods	4	4	16	1
Wildfires	4	4	16	1
Lightning	4	2	8	3
Hailstorms	3	2	6	4
Tornadoes	2	8	16	1
Severe Thunderstorms	4	2	8	3
Erosion	4	2	8	3
Hurricanes & Tropical Storms & Depressions	4	4	16	1
Drought & Expansive Soils	4	4	16	1
Extreme Heat	4	4	16	1
Severe Winter Weather	4	4	16	1
Dam/Levee Failure	2	4	8	3
Emerging Infectious Diseases	3	4	12	2
Windstorms	3	4	12	2
Invasive Species	2	2	4	4
Water Quality and Quantity	4	2	8	3
Cyber Threats	3	4	12	2
Biological/Hazmat	2	4	8	3

- Commented [AA1]:** The committee agree to add tropical depressions to this title
- Commented [AA2]:** Hazard mitigation committee agreed to combine these two hazards into one.
- Commented [AA3]:** Private dams and levees are rated poorly within Walker County
- Commented [AA4]:** New hazard. Title chosen in place of Pandemic
- Commented [AA5]:** New hazard
- Commented [AA6]:** New hazard
- Commented [AA7]:** New hazard
- Commented [AA8]:** Amanda will look up man-made hazard inclusion benefits within the HMP.
- Commented [AA9]:** New hazard



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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

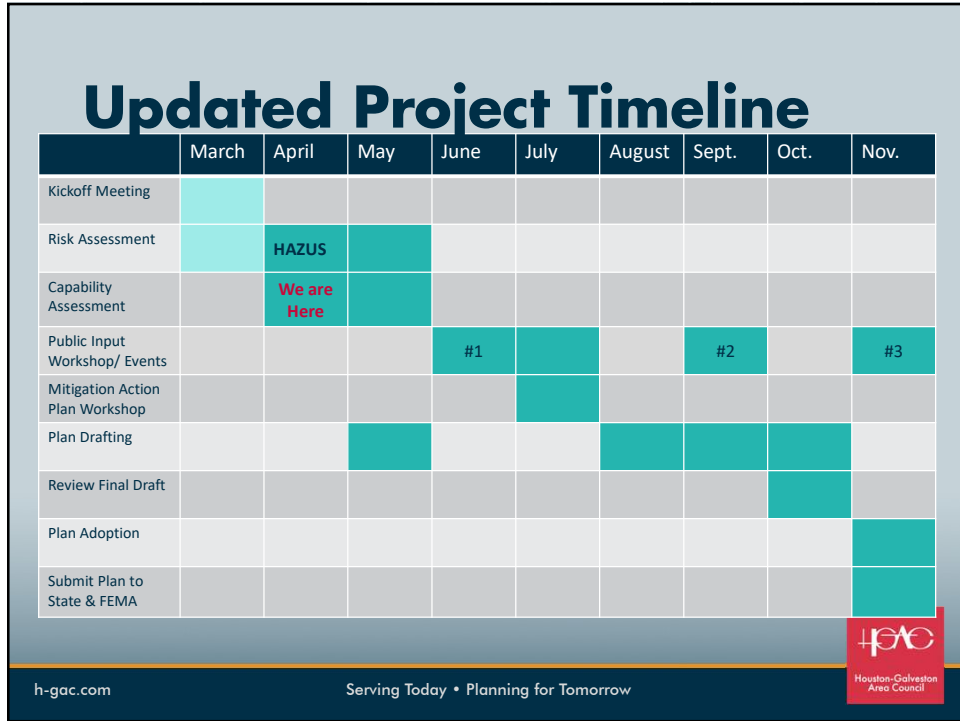
Source: [https://www.fema.gov/sites/default/files/documents/fema\\_bric-fma-cybersecurity-information-activities\\_112022.pdf](https://www.fema.gov/sites/default/files/documents/fema_bric-fma-cybersecurity-information-activities_112022.pdf)

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## Tentative Project Timeline

- **March 23**, Meeting 1: Kickoff ←
- **April**, 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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## 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.

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## 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.

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## 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)	No <input type="checkbox"/>	Score:
Fire department ISO rating	No <input type="checkbox"/>	Rating:
Site plan review requirements	No <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



## 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)



## 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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## Contact Information

**Amanda Ashcroft, AICP**

*Planner, Community & Environmental*

Houston-Galveston Area Council

Amanda.Ashcroft@h-gac.com

713-993-4545



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