

# REGIONAL HAZARD MITIGATION PLAN 2011 UPDATE

Public Hearing  
January 31, 2012  
Houston-Galveston Area Council

# Agenda

- Purpose of Plan
- Jurisdictions
- Hazards
- Plan Sections
- Mitigation Actions
- Next Steps
- Question/Answer



# Purpose of Plan

- ① Protect life, safety and property by reducing potential for future damages and economic losses
- ① Qualify for grant funding in both the pre-disaster and post-disaster environment
- ① Speed recovery and redevelopment following future disaster events



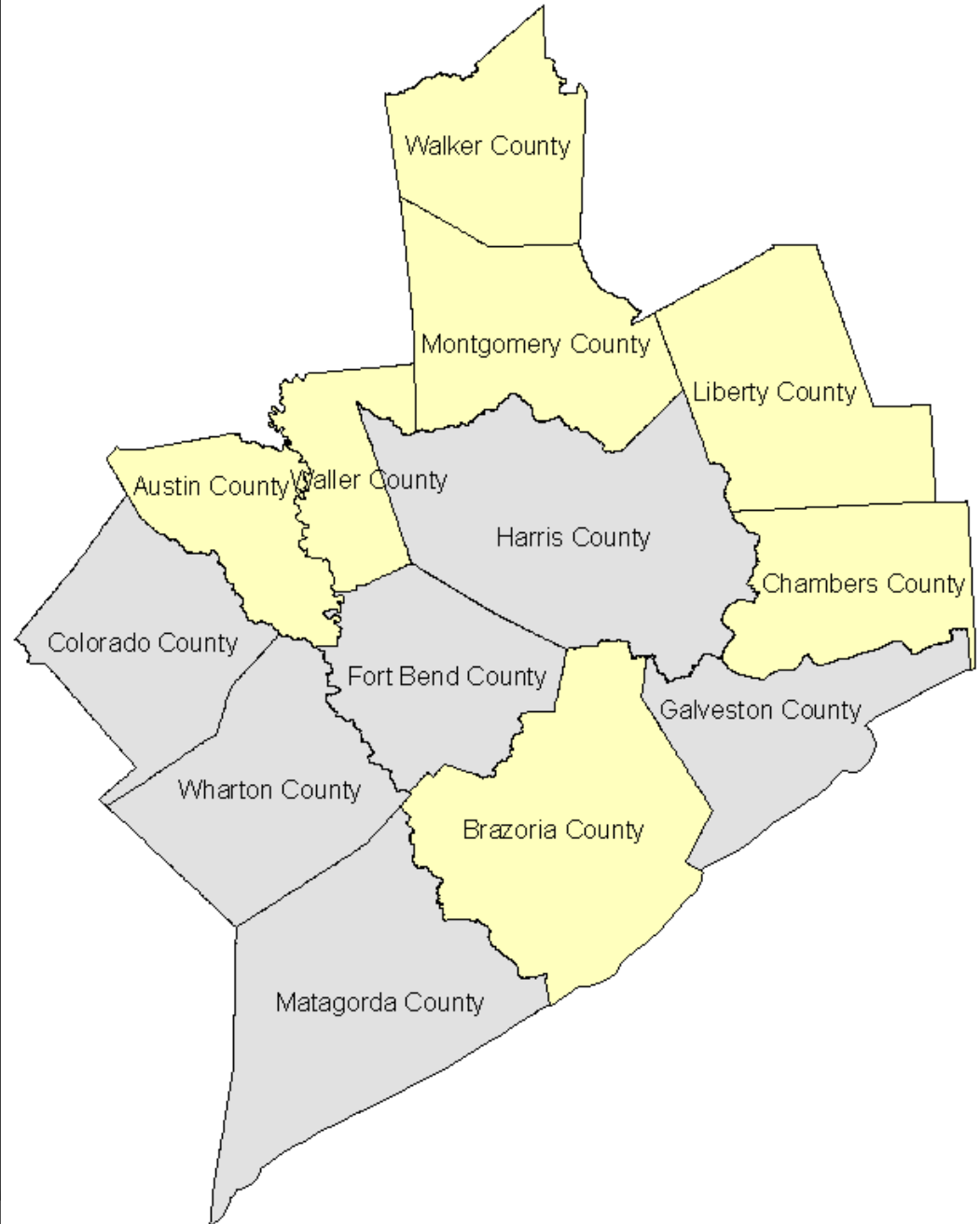
# Purpose of Plan

- ⦿ Demonstrate firm local commitment to hazard mitigation principles
- ⦿ Comply with state and federal legislative requirements for local hazard mitigation plans.



# Jurisdictions

- 78 total jurisdictions



# Jurisdictions

- H-GAC
- Austin County and 6 cities
- Brazoria County, 21 cities and 1 drainage district
- Chambers County, 5 cities, 1 navigation district, 1 conservation district
- Liberty County and 11 cities
- Montgomery County and 15 cities
- Walker County and 3 cities
- Waller County and 6 cities

# Natural Hazards

- Coastal Erosion
- Dam/Levee Failure
- Drought
- Excessive Heat
- Flood
- Hail
- Hurricanes and Tropical Storms
- Severe Thunderstorms
- Tornadoes
- Wildfire
- Winter Storms

# Human-Caused Hazards

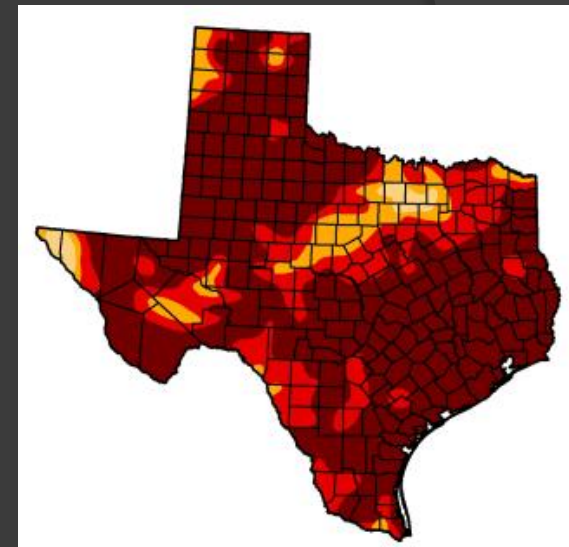
- Toxic Release/Hazardous Materials (HAZMAT)
- Energy Pipeline Failure





# Plan Sections

- ① 1 – Introduction
- ② 2 – Planning Process
- ③ 3 – Community Profile
- ④ 4.1 – Hazard Identification
- ④ 4.2 – Hazard Analysis
- ④ 4.3 – Vulnerability Assessment
- ⑤ 5 – Capability Assessment
- ⑥ 6 – Mitigation Strategy
- ⑦ 7 – Plan Maintenance Procedures



# Appendix A: Mitigation Actions

- ◎ Aim to reduce, eliminate, redirect or avoid the effects of hazards and be long-term or permanent solutions
  - Prevention
  - Property Protection
  - Public Information and Awareness
  - Natural Resource Protection
  - Structural Projects

# Breakdown of Actions By County

Jurisdiction	2006 Mitigation Actions	2011 Mitigation Actions	Total 2006 and 2011
H-GAC	7	5	12
Austin County	50	20	70
Brazoria County	134	130	264
Chambers County	16	31	47
Liberty County	73	40	113
Montgomery County	151	56	207
Walker County	28	40	68
Waller County	35	6	41
<b>Total</b>	<b>494</b>	<b>328</b>	<b>822</b>

# 2006 Actions By County

Jurisdiction	Complete	In Progress	No Longer Pursuing	Carry On	Carry On With Modification
H-GAC	0	0	0	3	4
Austin County	6	3	8	25	9
Brazoria County	53	11	11	55	4
Chambers County	6	0	2	5	3
Liberty County	5	2	1	65	0
Montgomery County	52	1	13	54	31
Walker County	0	0	0	27	1
Waller County	8	6	0	21	0
<b>Total</b>	<b>130</b>	<b>23</b>	<b>34</b>	<b>252</b>	<b>48</b>

# Examples of 2011 Mitigation Actions

- Wildfire education
- Creating defensible space
- Drainage projects
- Acquisition of flood-prone property
- Flood outreach and education
- Early warning systems
- Hardening structures, generators

# Next Steps

- Completion of public comment period: February 8
- Submit revised draft to DEM February 9
- DEM approves plan
- FEMA approves plan
- Participating jurisdictions pass resolutions adopting plan

Send comments to:  
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Responses will be available at  
[www.h-gac.com/hazmap](http://www.h-gac.com/hazmap)  
following the close of the public  
comment period.