



City of Houston Hazard Mitigation Action Plan

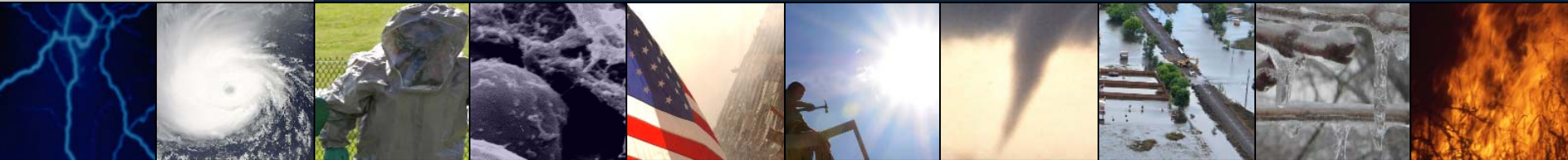


Dennis J. Storemski
Director, Mayor's Office of Public Safety & Homeland Security
January 3, 2013



History of the HMAP

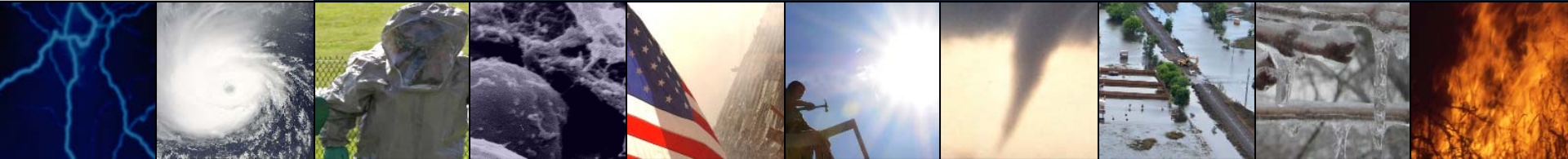
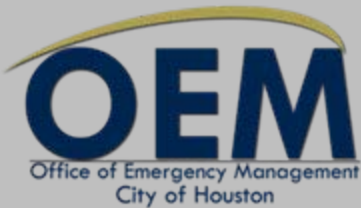
- Disaster Mitigation Act of 2000
 - Required for sustainment of:
 - Hazard Mitigation Grant Program
 - Pre-Disaster Mitigation – Competitive Grant Program
- City Council Resolution 2006-0021 11/29/2006
 - 2012 Revisions to the 2006 document
- Requested Action
 - Formal adoption by resolution of the 2012 revisions





Authority

- Disaster Mitigation Act of 2000
- 44 CFR 201.6 (Local Mitigation Plans)

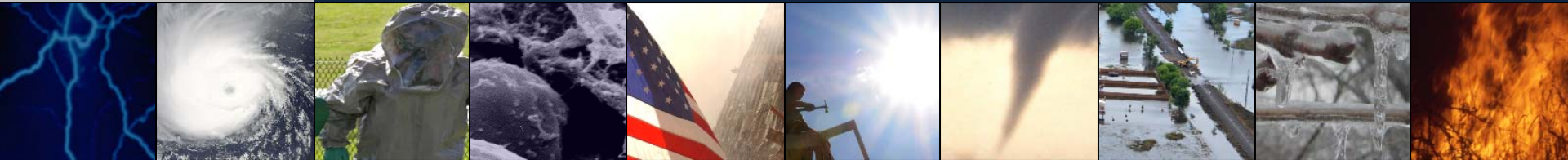




HMAP Public Comment

1. Two Opportunities to Comment

- January 2012 – Website, Social Media
- October 2012 – Website, Social Media, Houston Chronicle



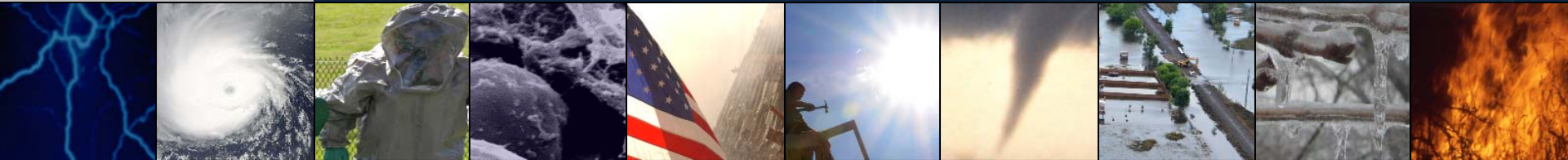
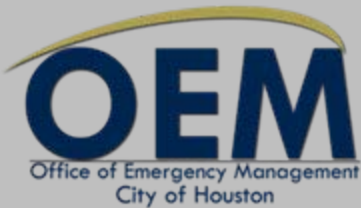


Houston's Natural Hazards

- Flood
- Hurricane
- Tropical Storm
- Heat
- Tornado
- Severe Winter Storm
- Drought
- Hailstorm
- Lightning
- Expansive Soils



Tropical Storm Allison 2001, Houston Chronicle





HMAP Committees

Office of Emergency Management

Steering Committee

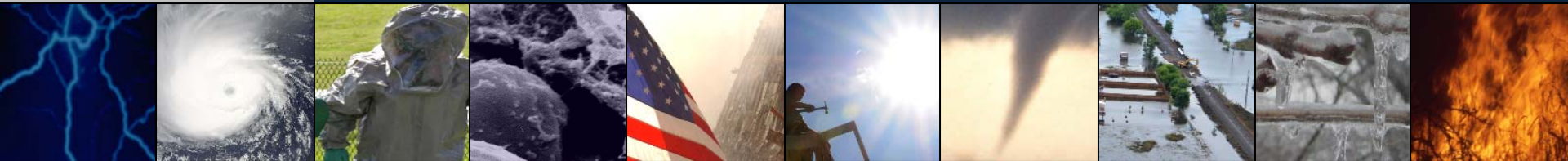
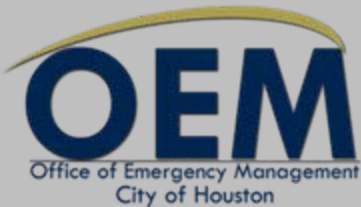
- OEM Mitigation Officer
- Public Works & Engineering Sr. Asst. Director
- City of Houston Floodplain Office

Support/Program Staff

- OEM Mitigation Officer
- OEM Administrative Staff

Hazard Mitigation Committee

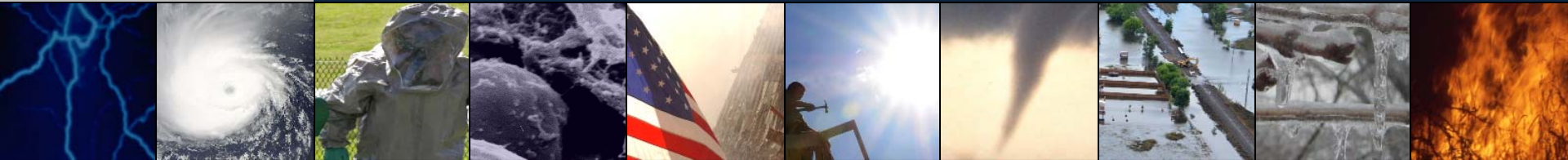
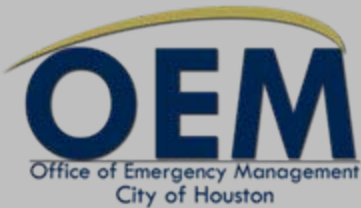
- Emergency Management Coordinator (EMC)
- Deputy EMC
- Public Information Officer
- City of Houston Floodplain Office
- Director, Public Works & Engineering Department
- Texas Medical Center
- Larner Consultants Inc.





Goals of the HMAP

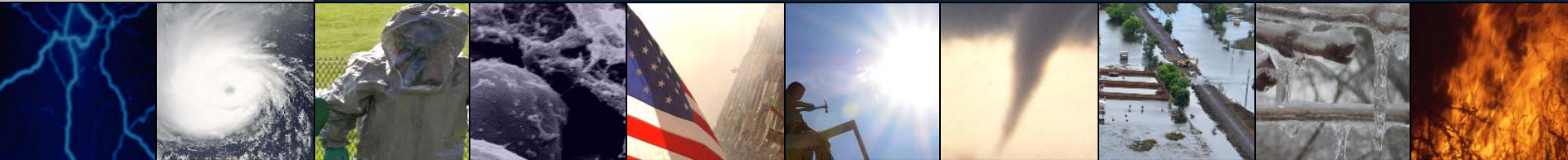
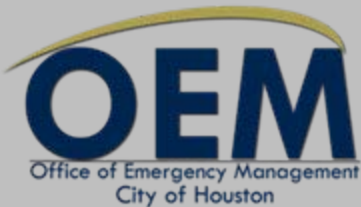
1. Protect existing properties
2. Protect health & safety
3. Improve the quality of life in the community
4. Reduce the impact of natural disasters on people and property
5. Improve communication and coordination with other relevant organizations





Outline of the HMAP

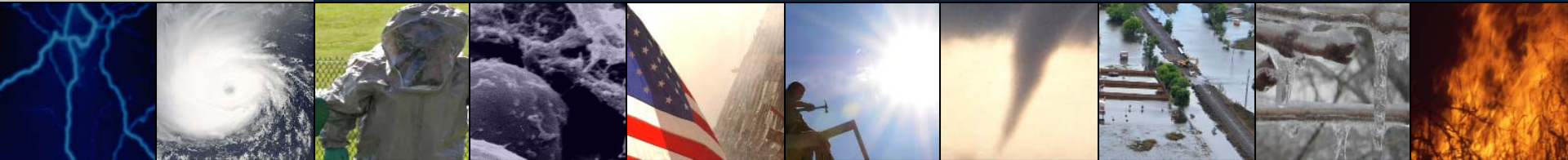
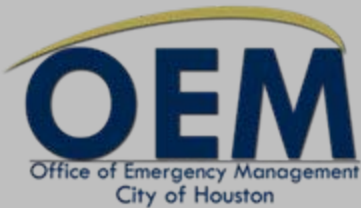
1. Purpose
2. Planning Process
3. Risk Assessment
 1. Flooding
 2. Repetitive Loss
 3. Tropical Storm
 4. Hurricane
 5. Other Hazards
4. Mitigation Strategy & Initiatives
5. Maintenance: Monitoring, Evaluating and Updating
6. Appendices





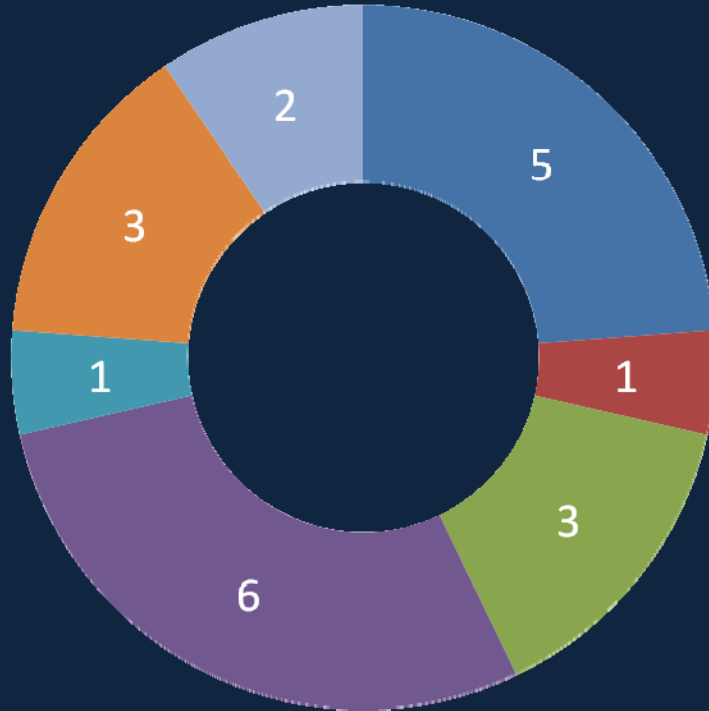
Initiatives

1. Developing Ideas for Initiatives
2. Prioritizing Initiatives
 1. STAPLEE
 2. Cost-Benefit Analysis
3. Final Initiatives
 1. City of Houston
 2. Texas Medical Center
 1. Texas Children's Hospital
 2. St. Dominic's Assisted Living
 3. Ronald McDonald House

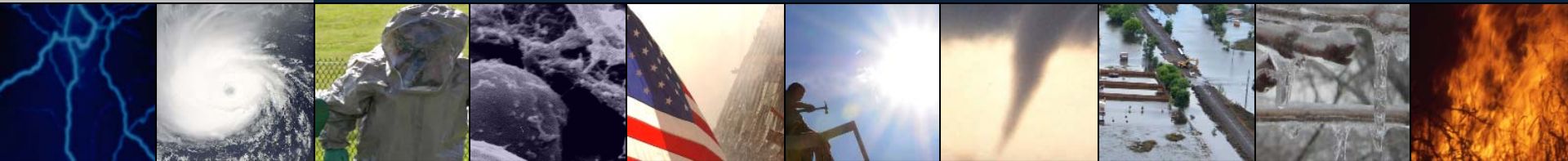




City of Houston Initiatives

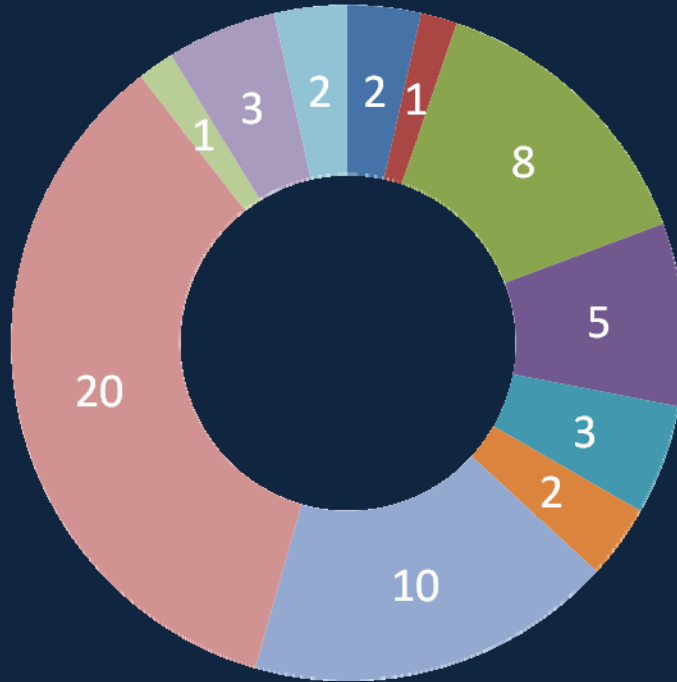


- Planning
- Acquisition/Reconstruction
- Wastewater/Stormwater
- Public Information Awareness
- Community Support
- Legal/Administrative
- Building

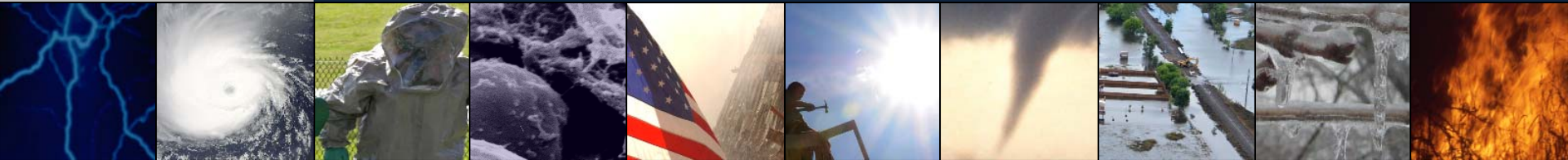
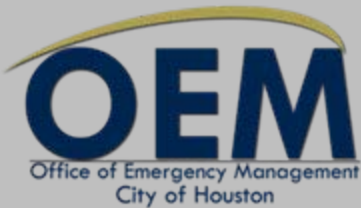




Texas Medical Center Initiatives



- Evacuation
- Water - Potable
- Wastewater/Storm Water
- Planning
- Common Operating Picture
- Equipment
- Electrical/Utilities
- Building
- Information Technology
- Public Information
- Roadways





FEMA Mitigation Grants

1. Hurricane Ike Declaration (TX-DR-1791)

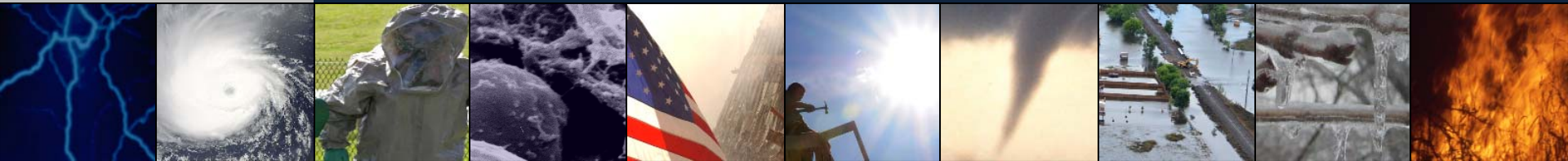
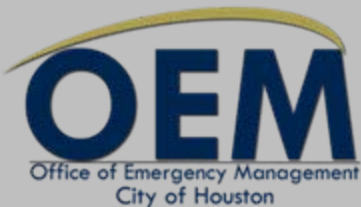
- \$2,597,197.00
- Window Retrofits and Infrastructure Protection (901 Bagby, 900 Bagby, 14 HPD/HFD Stations, 611 Walker, HEC)

2. Wildfire Declarations

- Parks & Recreation Pre-Disaster Mitigation Grant
 - TX-DR-1999 - \$18,750.00
 - TX-DR-4029 – \$15,000.00

3. Hurricane Dolly Declarations (TX-DR-1780)

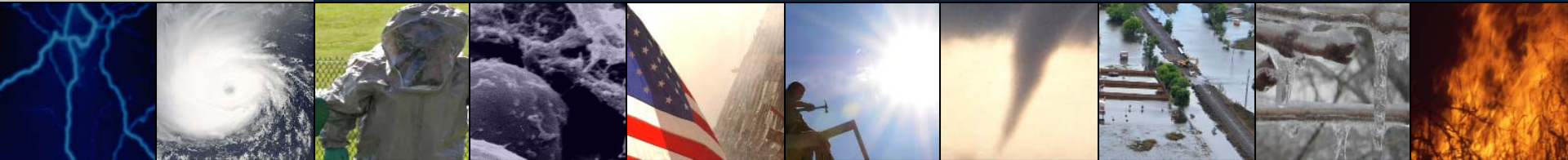
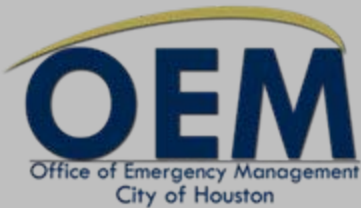
- \$50,000.00
- Current Mitigation Action Plan Projects





Current Status of HMAP

- Reviewed 3 times by the Texas Division of Emergency Management (TDEM)
- Reviewed 2 times by the Federal Emergency Management Agency (FEMA)
- Input from various departments, stakeholders and consultants





Requested Council Action

- The OEM requests that council adopt the Hazard Mitigation Action Plan by resolution to complete the projects under the remaining federal disaster declarations.

