



LEE COLLEGE

# Adoption of the 2025 Harris County Multi-Jurisdictional Hazard Mitigation Plan

Executive Summary

June 18, 2026



# Multi-Jurisdictional Hazard Mitigation Plan

- A FEMA-approved regional plan developed by multiple local governments & special districts to identify disaster risks, reduce future losses, and maintain eligibility for federal mitigation funding per the *Disaster Mitigation Act of 2000*.
- Focuses on actions that can be implemented before a disaster to reduce or eliminate damage to people and property.
- Hazard mitigation plan must be updated every 5 years.



# 2025 Harris County Multi-Jurisdictional Hazard Mitigation Plan

## Background

- Regional partnership effort coordinated by Harris County to generate a unified local voice on hazard mitigation
- March 2024 - Participation opportunity
- 42 Jurisdictions participated
- February 2026 - Reviewed and approved by FEMA and Texas Division of Emergency Management (TDEM)

## Participating Jurisdictions Involved in the Mitigation Planning Effort

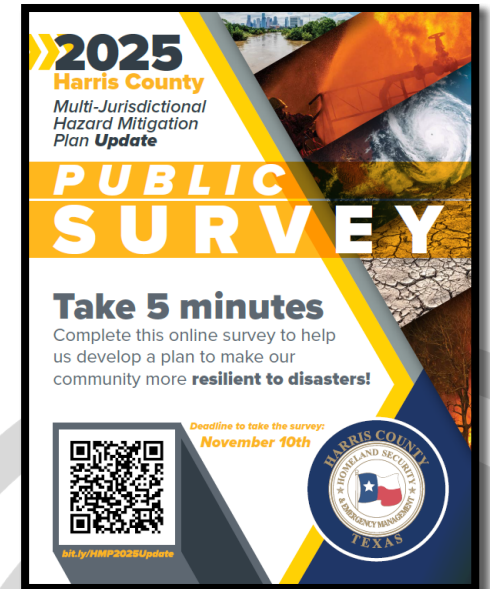
The following are the local governments/agencies in Harris County that participated as Planning Partners in the 2025 MJ-HMP update:

- Harris County
- Harris County Flood Control District
- Harris County Office of County Administration
- City of Bellaire
- City of Bunker Hill Village
- City of Deer Park
- City of El Lago
- City of Friendswood
- City of Galena Park
- City of Hedwig Village
- City of Humble
- City of Hunters Creek Village
- City of Jacinto City
- City of Jersey Village
- City of Katy
- City of La Porte
- City of Missouri City
- City of Morgan's Point
- City of Nassau Bay
- City of Pasadena
- City of Piney Point Village
- City of Seabrook
- City of Shoreacres
- City of Southside Place
- City of Spring Valley Village
- City of Stafford
- City of Taylor Lake Village
- City of Tomball
- City of Waller
- City of Webster
- City of West University Place
- Cypress Creek Drainage District
- Cypress Fairbanks Independent School District
- Goose Creek Independent School District
- Gulf Coast Authority
- Harris Health System
- Houston Community College
- Lee College
- San Jacinto College
- Spring Independent School District
- University of Houston
- Varnett Public School

# Lee College Participation

## Met all participation requirements

- Letter of Intent to Participate
- Attended workshops, meetings, and calls
- Solicited feedback from the campus community via survey
- Provided history of events, critical facilities, hazard rankings, and capability assessment
- Submitted mitigation action projects
- Developed a Lee College annex in the plan
- Seeking Approval for Adoption



# Lee College Hazard Mitigation Planning Team

- **Primary Point of Contact**
  - Thomas Quinn, Executive Director, Public Safety
- **Alternate Point of Contact**
  - Eric Williams, Director/Chief of Security
- **Safety & Security Committee**



# Hazards Evaluated

- Natural Hazards:

- Flooding
- Hurricanes and tropical storms
- Severe weather
- Extreme heat
- Extreme cold
- Drought
- Wildfire

- Technological and Human-Caused Hazards:

- Utility failures
- Technology failures
- Energy pipeline incidents
- Hazardous materials releases
- Public health emergencies

- *Note: Hazard Mitigation Plans do not include Active threat hazards*

**Table 39-15. Hazard Ranking**

<b>Hazard</b>	<b>Rank</b>
Coastal Erosion	Low
Dam/Levee Failure	Low
Drought	Low
Earthquake	Low
Extreme Cold	High
Extreme Heat	High
Flooding	High
Hurricanes, Coastal Storms	High
Mass Movement	Low
Severe Weather	High
Tsunami	Low
Wildfire	Medium
Energy Pipeline Failure	Medium
Public Health Emergency	High
Technology Failure	High
Toxic Release / Hazardous Materials	Medium
Utility Failure	Medium

*Note: The scale is based on the hazard rankings established in Volume I, modified as appropriate based on review by the jurisdiction*

# Benefits of Participating

- ✓ Maintains FEMA Hazard Mitigation Grant eligibility.
- ✓ Helps identify vulnerabilities and prioritize improvements to enhance campus resilience and emergency preparedness.
- ✓ Mitigation investments reduce future costs and support uninterrupted educational operations.
- ✓ Reduces long-term risk
- ✓ Protects College assets and infrastructure
- ✓ Aligns with emergency management best practices
- ✓ Demonstrates responsible stewardship of public resource

# Potential Funding Opportunity

**Participation in the plan helps Lee College compete for FEMA grant funding for projects such as:**

- ✓ Backup generators
- ✓ Emergency Operations Center
- ✓ Safe rooms and storm shelters
- ✓ Cybersecurity improvements
- ✓ Power outage resilience projects
- ✓ Infrastructure protection
- ✓ Emergency communications

*\*Note: Purchasing equipment, outside of a generator, is not allowed*

# High-Priority Projects Identified

## Critical Infrastructure

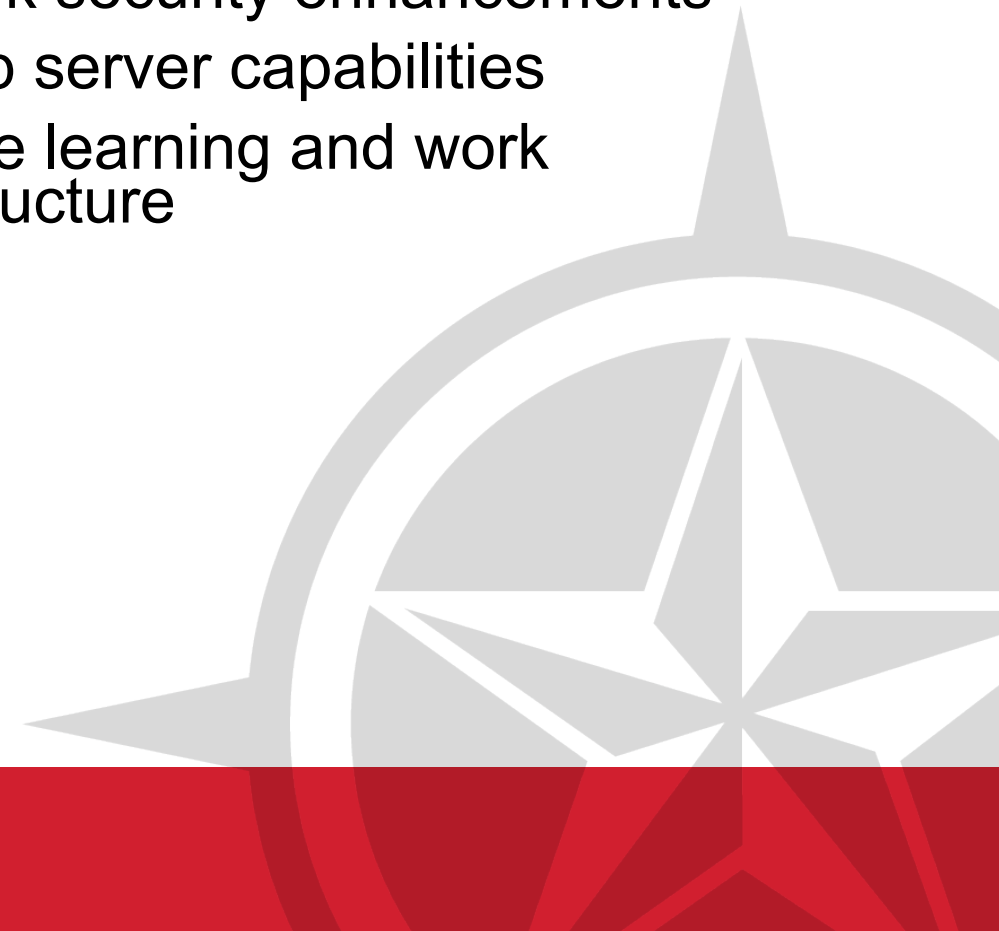
- Generator trailer for emergency power
- Permanent generators for key facilities
- Tree trimming near power lines
- Utility protection improvements

## Emergency Preparedness

- Emergency Operations Center
- Multi-use safe rooms
- Continuity of Operations Plan

## Technology Resilience

- Network security enhancements
- Backup server capabilities
- Remote learning and work infrastructure



**Table 39-17. Summary of Prioritization of Actions**

Project Number	Project Name	Scores for Evaluation Criteria															High / Medium / Low
		Life Safety	Property Protection	Cost-Effectiveness	Political	Legal	Fiscal	Environmental	Social Vulnerability	Administrative	Hazards of Concern	Climate Change	Timeline	Community Lifelines	Other Local Objectives	Total	
LEE1	Generator Trailer	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE2	Generators	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE3	Emergency Operations Center	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE4	Tree Trimming by Power Lines	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE5	UPS Battery Backups	0	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>11</b>	High
LEE6	Cover Above-Ground Utilities	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE7	Multi-Use Safe Rooms	1	1	1	1	1	1	0	1	1	1	0	0	1	1	<b>11</b>	High
LEE8	Enhance Network Security	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE9	Infrastructure for Remote Work	1	0	1	1	1	1	0	1	1	1	0	1	1	1	<b>11</b>	High
LEE10	Safety Data Sheets	1	1	1	0	1	1	1	0	1	1	0	1	0	0	<b>9</b>	Medium
LEE11	Continuity of Operations Plan	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE12	Power Outage Contingency Plan	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE13	NOAA Weather Radios	1	0	1	0	1	1	0	1	1	1	0	1	1	1	<b>10</b>	Medium
LEE14	NWS StormReady	1	0	0	1	1	1	0	1	1	1	0	1	1	1	<b>10</b>	Medium
LEE15	Gym Retrofit for Shelter	1	0	0	1	1	1	0	1	1	1	0	1	1	1	<b>10</b>	Medium
LEE16	Shelter-in-Place Kits	1	0	1	1	1	1	0	1	1	1	0	1	1	1	<b>11</b>	High
LEE17	Two-Way Radios	1	0	1	1	1	1	0	1	1	1	0	1	1	1	<b>11</b>	High
LEE18	Education Program	1	0	1	0	0	1	0	1	1	1	0	1	1	1	<b>9</b>	Medium
LEE19	CERT Program	1	1	1	1	1	1	0	1	1	1	0	1	1	1	<b>12</b>	High
LEE20	Fiber Optic Lines	1	0	1	1	1	1	0	1	1	1	0	1	1	1	<b>11</b>	High

*Note: Volume I, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-6), Medium (7-10), High (11-14).*

# Financial Impact

## Adoption Cost:

- \$0

## Benefits:

- Maintains eligibility for FEMA funding
- Supports future grant applications
- Positions the College for cost-sharing opportunities
- Helps reduce future disaster losses



# Administration Recommendation

## Requested Action

Approve the Resolution adopting the 2025 Harris County Multi-Jurisdictional Hazard Mitigation Plan.

## Adoption

- Adoption does not authorize construction projects or spending.
- Keeps Lee College eligible for future mitigation funding opportunities.
- Supports future resiliency projects

**Thank You  
Questions?**

