



Prepare + Prevent + Respond + Recover + Mitigate

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Governor's Office of Homeland and Emergency Preparedness (GOHSEP)

Recovery Funding Overview

Casey Tingle, Assistant Deputy Director
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Welcome



Contact Info:

Casey Tingle

Assistant Deputy Director, Hazard Mitigation

casey.tingle@la.gov



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Recovery Framework

- ✓ Recovery is complicated and collaborative
- ✓ Federal government is trying to establish a more structured and multi-layered
- ✓ Various Recovery Support Functions assigned to different agencies
- ✓ Link: <https://www.fema.gov/national-disaster-recovery-framework>



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Mission

To **lead + support** Louisiana and its citizens in the **preparation** for, **response** to + **recovery** from all emergencies + disasters.



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Emergency Management Cycle

Preparedness

Emergency managers develop plans of action to manage & counter their risks & take action to build the necessary capabilities needed to implement such plans

Prevention

Prevention happens when property and lives are protected by those that identify, deter or stop an incident from occurring

Response

Response includes the mobilization of necessary emergency services & first responders in the disaster area

Recovery

Recovery efforts are primarily concerned with actions that involve rebuilding destroyed property, re-employment & the repair of other essential infrastructure

Mitigation

Mitigation efforts are attempts to prevent hazards from developing into disasters or to reduce the effects of disasters





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Risk

✓ Louisiana is a **high-risk** State for emergency events + disasters.

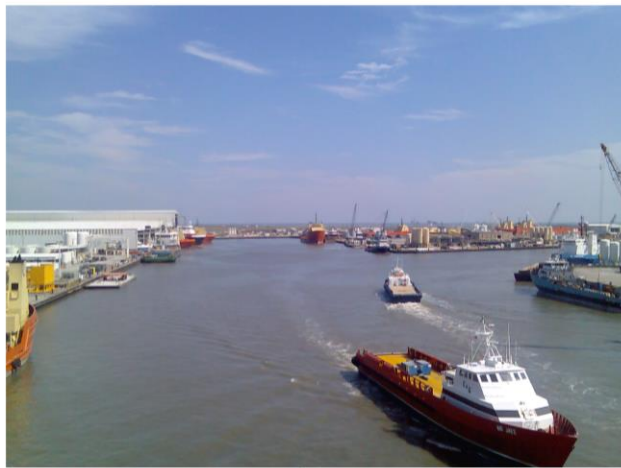




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Risk (Continued . . .)

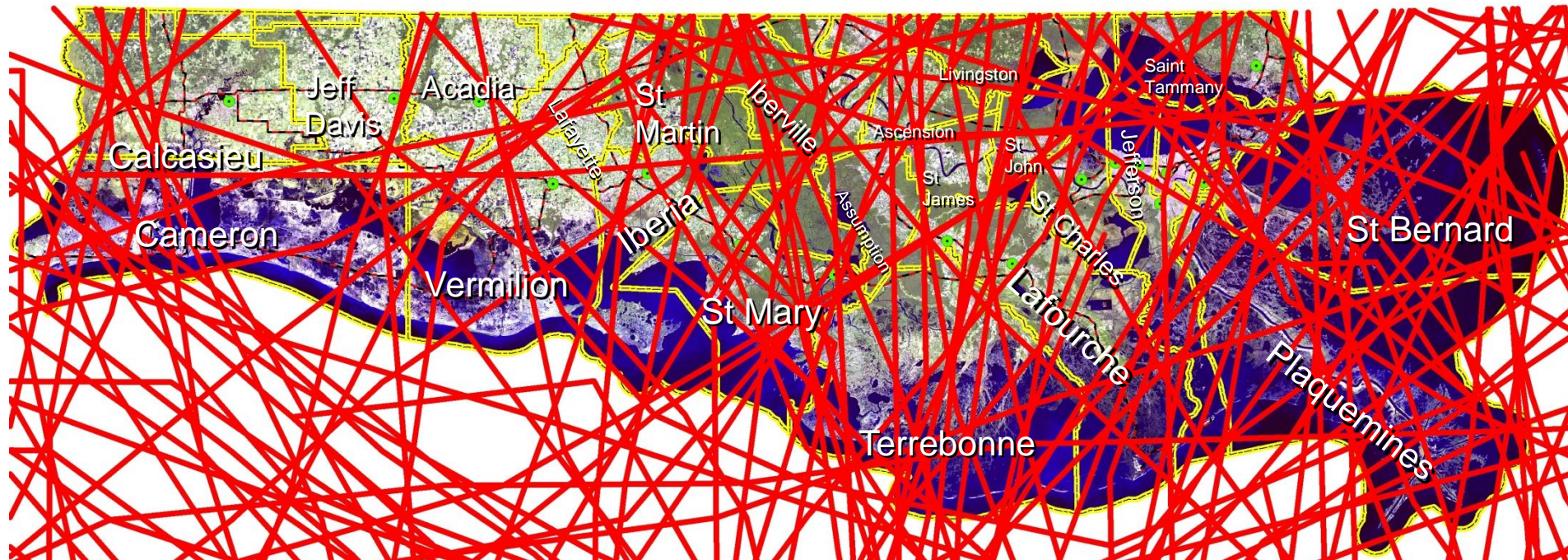
- ✓ We are home to **critical supply routes + energy production resources.**





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Louisiana coast - A vulnerable area for storm surge



All Atlantic Basin Tropical Systems
National Hurricane Center 1850 - 2007



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What do we do?

- ✓ GOHSEP is the lead agency coordinating with the **Federal Emergency Management Agency (FEMA)** in **two** critical areas:
 - Public Assistance Grant Program
 - Hazard Mitigation Grant Program



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Public Assistance Grant Program

Supplemental grant assistance for disasters declared by the President for:

- ✓ Debris Removal
- ✓ Emergency Protective Measures
- ✓ Repair/Replacement/Restoration of disaster-damaged, publicly owned facilities



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Hazard mitigation defined

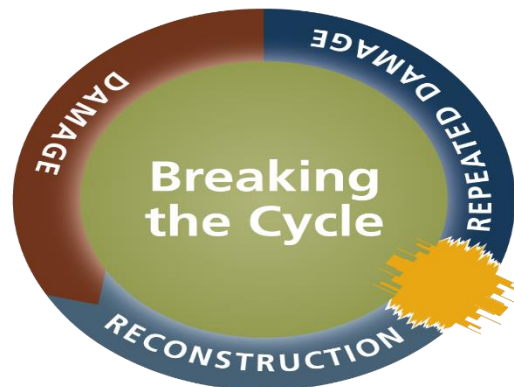
Hazard Mitigation (HM) is any **sustained** action taken to **reduce** or **eliminate** future risk to people and property from natural and man-made disasters.





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Mitigation is **breaking the cycle** of disaster –
damage – reconstruction – repeated damage.





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Hazard Mitigation **Planning** + Your Community

A Hazard Mitigation Plan (HMP) is **required**
to receive **FEMA hazard mitigation funding**.



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Risk Assessment: Identify Hazards

✓ **Describe** all natural hazards that **effect** the jurisdictions in the planning area.

- Flood
- Hurricane
- Tornado
- Winter storm
- Thunderstorms
- Coastal land loss
- Storm surge
- Subsidence
- Wildfire
- Dam failure
- Levee failure





Determine vulnerability + impact¹⁵

✓ **Vulnerability**

- Demonstrated through **past occurrences**.
- Characteristics of the community's assets that make jurisdictions **susceptible to damage**.

✓ **Impact**

- **Consequences** or **effects** of past occurrences on the community assets.



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Mitigation Strategy

Blueprint for mitigation disaster losses

- ✓ **State goals:**
 - Improve **education** + **outreach** efforts.
 - Improve **data collection** . . .
- ✓ **Possible actions:**
 - **HM workshops.**
 - **Mitigation projects.**
 - **Other . . .**
- ✓ **Prioritize** actions to guide how you implement funding.



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Cost Effectiveness Requirement

Demonstrate cost-effectiveness.

- Must be **cost-effective** + **substantially reduce** the **risk** of *future* damage, hardship, loss or suffering resulting from a major disaster.
- Should be demonstrated by performing a Benefit Cost Analysis - **BCA**.



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Examples of eligible activities



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Elevated dwelling





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Acquisition of flood-prone property

Before



After





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Storm water management

Culvert upgrade





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Retrofit (Shutter protection)





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Safe room - Community





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Louisiana open disasters

DISASTER	PUBLIC ASSISTANCE (PA) TOTAL ELIGIBLE DAMAGES	HAZARD MITIGATION (HM) LOCK-IN
Hurricane Katrina	\$11,465,229,557	\$1,722,818,666
Hurricane Gustav	\$773,747,138	\$225,071,189
Hurricane Rita	\$666,433,725	\$137,903,000
Hurricane Isaac	\$411,610,083	\$66,975,168
Hurricane Ike	\$234,423,454	\$54,014,258
2011 Floods	\$47,992,762	\$2,026,125
2006 Floods	\$12,948,427	\$0
2009 Floods	\$8,652,405	\$895,384
Tropical Storm Lee	\$7,816,226	\$900,000
2013 Floods	\$4,456,613	\$456,668
TOTAL	\$13,663,310,390	\$2,211,060,458

NOTE: Three (3) are on FEMA's Top 10 U.S. Disaster list: Katrina, Rita and Ike.

SOURCE: www.louisianaPA.com and www.louisianaHM.com, dated 1/16/15.



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By the numbers

PUBLIC ASSISTANCE (PA)	HAZARD MITIGATION (HM)
1,586 obligated unique Subgrantees	120 unique Subgrantees
35,860 projects	848 projects
Over \$13.6 billion Federal funds	Over \$2.2 billion Federal funds
Average \$1 billion per year or nearly \$100 million per month	

SOURCE: www.louisianaPA.com and www.louisianaHM.com, dated 1/16/15.



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Recovery Slowdowns

Complexity – processes

Capacity - volume

Speed - risk

