



# City of New Orleans Hazard Mitigation Planning

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City of New Orleans  
Community Presentation  
April 7, 2020

# Greetings

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## Austin Feldbaum

Hazard Mitigation Office

City of New Orleans

[afeldbaum@nola.gov](mailto:afeldbaum@nola.gov)

# Housekeeping Items

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- Please keep your line muted
- Chat feature allows for questions at anytime
- City of New Orleans (Austin) will be presenting
- GCR (Jennifer) will be hosting and managing the meeting
- A polling activity will take place at the end of the presentation

# Agenda

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- Meeting Goals and Objectives
- Overview of Hazard Mitigation Plan and Planning Process
- Project Timeline
- Identified Hazards
- Polling Activity
- Next Steps

# Meeting Goals and Objectives

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- Provide overview of Hazard Mitigation Plan and planning process
- Receive community feedback on current hazards

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# Hazard Mitigation Plan

# What is a Hazard Mitigation Plan?

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- Hazard mitigation planning is a way to understand risks and vulnerabilities.
- Risks and vulnerabilities associated with natural and manmade disasters are identified through the planning process.
- The planning process also identifies actions and long term-strategies that can reduce risks and potential impacts.
- Plans are a federal requirement under the Disaster Mitigation Act of 2000 with the goal of reducing the impact and cost of disasters.
- Hazard Mitigation Plans must be updated every 5 years.

# How is the Hazard Mitigation Plan Used?

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- The Hazard Mitigation Plan identifies mitigation measures that the City of New Orleans and its planning partners can put into place that may reduce the impact or severity of future hazard events.
- The plan is a requirement to access types of disaster assistance through FEMA's Hazard Mitigation Assistance Programs.
- Informs floodplain management planning under the Community Rating System (CRS) to improve CRS score and increase flood insurance discounts under the National Flood Insurance Program (NFIP).
- Plan is maintained through quarterly meetings of the Hazard Mitigation Committee, which is a subset of the Local Emergency Planning Committee.

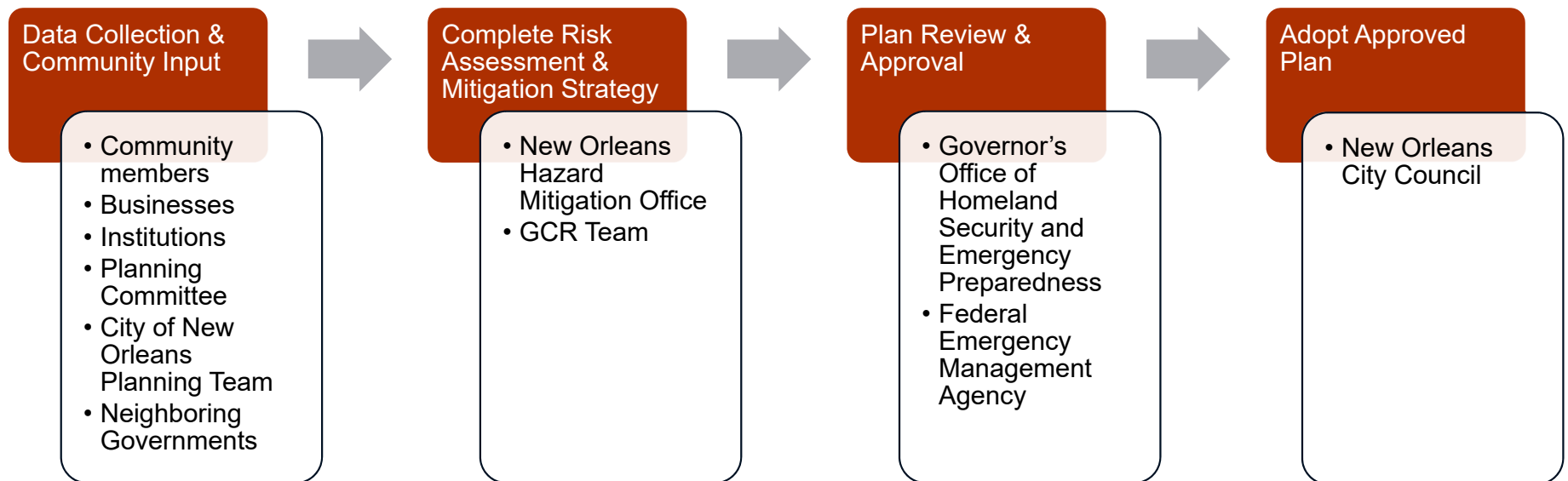


# Disaster Management Cycle

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# How is the Hazard Mitigation Plan Updated?



# What's New?

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- The 2020 Hazard Mitigation Plan will be multi-jurisdictional.
  - Identify shared resilience goals
  - Increase access to joint mitigation efforts and grant opportunities
  - Leverage resources to increase risk education and community outreach
- The City has received approval to make the plan web-based.
  - Increased ability for the public and stakeholders to engage and provide feedback as the plan evolves
  - Ability to integrate with Geographic Information Systems (GIS) and links to relevant information, documents, and resources

# City of New Orleans Planning Team

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- New Orleans Office of Homeland Security & Emergency Preparedness
- City Planning Commission
- Department of Health
- Office of Safety and Permits
- Department of Parks and Parkways
- New Orleans Property Management
- Office of Sustainable Infrastructure



CITY OF NEW ORLEANS

# Project Partners

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**DILLARD**  
UNIVERSITY



NEW ORLEANS  
REDEVELOPMENT  
AUTHORITY



**LOYOLA**  
UNIVERSITY  
NEW ORLEANS



# Project Support

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Accu-Environmental, LLC



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# Project Timeline

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# 2020 Natural Hazards

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Flooding



Tornadoes



Extreme Heat



Tropical  
Cyclones



Subsidence



Severe  
Thunderstorm



Coastal  
Erosion



Winter Weather

# 2020 Man-Made Hazards

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Hazardous  
Materials



Infrastructure  
Failure



Economic Shock



Active Threats




Infectious  
Disease  
Outbreak

# Natural Hazards

2015 Hazards	Proposed 2020 Hazards
Flooding	Flooding
Tropical Cyclones	Tropical Cyclones
Storm Surge	Coastal Erosion
Coastal Erosion	Tornadoes
Tornadoes	Subsidence
Subsidence	Winter Weather (Revised)
Winter Storms	Extreme Heat (Revised)
Drought	Severe Thunderstorms (Revised)
Extreme Temperatures	
Thunderstorms (Hail and Lightning)	

# Man-Made Hazards

2015 Hazards	Proposed 2020 Hazards
Dam & Levee Failure	Hazardous Materials (Includes Spills/Releases and Contamination)
Hazardous Materials Spills/Contamination, Fixed Site & Transportation	Active Threats (Includes Terrorism, Civil Unrest, Cyber Threats, and Active Attack)
Power Outages	Infrastructure Failure (Includes Levee Failure, Building Collapse, Water Systems Failure, and Power Outages)
Terrorism	Infectious Disease Outbreak (Including Pandemic)
Infrastructure Failure	Economic Shock 
Building Collapse	
Civil Unrest	
Pandemic	

 Proposed Hazard

# Flooding

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- Flooding is defined as the accumulation of water within a water body and the overflow of excess water onto the adjacent floodplain.
- Floodplain is land next to a body of water that is known to flood.
- Caused by excess water from snowmelt, rainfall, or storm surge.

# Tropical Cyclones

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- Hurricanes, tropical storms, and typhoons are all considered tropical cyclones.
- Hurricanes generate several hazards:
  - High winds
  - Heavy rainfall
  - Tornadoes
  - Storm surge
- Storm surge is often the greatest hurricane-related threat to property and human life due to low elevation and threat to levees.

# Coastal Erosion

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- Wearing away of land or the removal of beach or dune sediment by:
  - Wave action
  - Tidal currents
  - Wave currents
  - Drainage
- Coastal erosion impacts the Louisiana Gulf Coast, including barrier islands and wetlands.
- It is ongoing, accelerated by strong storms and hurricanes, and shipping and oil industry canals have contributed to erosion.

# Infectious Disease Outbreak

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- An infectious disease is a viral, bacterial, parasitic or fungal disorder that can be transmitted between people.
- An outbreak is an increased number of cases of a particular disease and can include epidemics and pandemics.
  - Epidemic is an outbreak of disease that spreads quickly and affects many individuals at the same time.
  - Pandemic is an outbreak that occurs over a wide geographic area and affects an exceptionally high proportion of the population.
- In addition to the physical health of a community, public health and medical resources are also impacted.



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# Polling Activity

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- Which hazards have impacted you or your neighborhood over the last 5 years?
- What 3 hazards do you feel is are priority for New Orleans to mitigate?
- Are there any hazards you feel need to be addressed outside of the list presented today?

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# Upcoming Events & Additional Resources

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- Public Meeting #2 – July 2020
- Public Meeting #3 – October 2020

# Additional Resources

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- Hazard Mitigation Plan Website
  - <https://ready.nola.gov/hazard-mitigation/home/>
- Risk Reduction Survey
  - <https://ready.nola.gov/hazard-mitigation/survey/>
  - SURVEY to 504-608-3230
- Stay Connected
  - Email Updates:  
[https://public.govdelivery.com/accounts/LANOLA/subscriber/new?topic\\_id=LANOLA\\_394](https://public.govdelivery.com/accounts/LANOLA/subscriber/new?topic_id=LANOLA_394)
  - Text HAZARDPLAN to 468-311

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# Polling Results & Comments



# THANK YOU

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**City of New Orleans**  
Hazard Mitigation Planning, Community Presentation  
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