



City of New Orleans Hazard Mitigation Planning

City of New Orleans
Hazard Mitigation Planning Presentation
September 17, 2020

Greetings

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Hazard Mitigation Office

City of New Orleans

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Housekeeping Items

- Please keep your line muted
- Chat feature allows for questions at anytime – we will address questions after the presentation
- City of New Orleans (Austin)
- Civix (Ryan) will be hosting and managing the meeting

Agenda

- Project Timeline
- Mitigation Strategy Framework
- Review Current Action Items
- Describe How to Propose New Actions
- Next Steps

Project Timeline



Detailed Timeline

Working Group Meetings: Climate, Water, City Agencies

Meeting 1: Week of 9/28

Meeting 2: Week of 10/12

Planning Committee Meeting: Week of 10/26

Planning Committee Meeting and Public Meeting: Week of 11/2

Mitigation Strategy Framework

draft Identified Hazards

Natural Hazards	Man-Made Hazards
Flooding	Hazardous Materials (Includes Spills/Releases and Contamination)
Tropical Cyclones	Active Threats (Includes Terrorism, Civil Unrest, Cyber Threats, and Active Attack)
Coastal Erosion	Infrastructure Failure (Includes Levee Failure, Building Collapse, Water Systems Failure, and Power Outages)
Tornadoes	Infectious Disease Outbreak (Including Pandemic)
Subsidence	Economic Shock
Winter Weather	
Extreme Heat	
Severe Thunderstorms	

draft 2020 Hazard Mitigation Goals

Each component of the Mitigation Strategy should support one or more of our community's overarching risk reduction goals.

- I. Reduce risk and vulnerability to the human environment including cultural resources, homeowners, renters, visitors, and transient populations.
- II. Reduce risk and vulnerability to the built environment including current and future structures; critical facilities; historic structures; and infrastructure, including communications infrastructure .
- III. Reduce risk and vulnerability to the natural environment including wetland restoration and recognition of New Orleans as a coastal city.
- IV. Maximize the involvement of individuals, businesses, and groups in risk reduction measures through education/outreach on hazard mitigation appropriate to all groups, particularly vulnerable populations.
- V. To promote, implement, and sustain mitigation measures in Orleans Parish in order to reduce and manage risks to human life, the environment, and property.
- VI. To protect Orleans Parish and the surrounding region from the effects of natural and manmade hazards, ensuring community continuity in the event of such hazards.

Foundational Principles 2015

- Consider the principles of equity in risk reduction decisions, including land use, zoning, and the allotment of funds and resources
- Plan for future conditions, including development and climate change
- Plan for minimizing damage and maximizing disaster recovery
- Treat risk reduction and hazard mitigation as part of an integrated system, with an emphasis on safety.

Mitigation Strategy Data Structure

- **Each Action Item Needs Certain Information:**
 - 2020 Goals
 - Type of Strategy
 - Emergency Support Function
 - Capability
 - Lead and Supporting Agencies
 - Funding Strategy
 - Project Description

Types of Mitigation Strategies

Type of Strategy		Examples
Prevention	Administrative or regulatory actions or process that influence the way land and buildings are developed	Planning and Zoning Building Codes Drainage System Maintenance
Property Protection	Modifications of existing buildings or infrastructure	Structural Retrofits Elevation, Relocation, Open Space
Education and Awareness	Inform about potential risks and ways to mitigate them	Outreach Projects Real Estate Disclosures Maps and Data
Natural Resource Protection	Preserve or restore functions of natural systems	Coastal Restoration Vegetation Management
Emergency Services	Actions during a disaster to minimize its impact	Warning Evacuation Health and Safety
Structural Projects	Infrastructure to reduce hazard impacts	Drainage Improvements Levees

Emergency Support Functions

Emergency Support Functions (ESFs) is the grouping of governmental and certain private sector capabilities into an organizational structure to provide support, resources, program implementation, and services that are most likely needed to save lives, protect property and the environment, restore essential services and critical infrastructure, and help victims and communities return to normal following domestic incidents

ESF-1 - Transportation
ESF-2 – Communications
ESF-3 – Public Works
ESF-4 – Firefighting
ESF-5 – Emergency Management
ESF-6 – Mass Care
ESF-7 – Logistics/Resource Support
ESF-8 – Public Health/Medical
ESF-9 – Search and Rescue

ESF-10 – Oil/HAZMAT Response
ESF-11 – Ag/Natural Resources
ESF-12 – Energy
ESF-13 – Public Safety & Security
ESF-14 – Long-Term Recovery
ESF-15 – External Affairs
ESF-16 – Law Enforcement
ESF-17 – Animal Protection
ESF-18 – Business Continuity
ESF-19 – Military Support
ESF-20 - DSCA

2015 Strategy Updates

Goal 1: Reduce Risk to the Human Environment

1.01 NWS Storm-Ready Certification

- A. Status: Complete, NOHSEP maintaining certification

1.12 Set up Cooling Shelters during extreme heat events

- A. Status: Ongoing, reevaluating strategy

1.07 Mitigate Contamination from Illegal Dump Sites

- Status: Ongoing

Goal 2: Reduce Risk to the Built Environment

- 2.03 Improve Drainage Infrastructure in High Risk Areas
- 2.12 Harden/Retrofit Public Facilities against Wind and Flooding
- 2.16 Adopt Freeboard and other higher regulatory standards
- 2.22 Install a system of sensors that are automated

Goal 3: Reduce risk to the Natural Environment

- I. Golden Triangle Marsh Creation Project
- II. Orleans Landbridge
- III. Workforce Development via Conservation Corps Partnership Program

Goal 4: Maximize Involvement of Whole Community in Risk Reduction through Education and Outreach

4.04 Public Education about Stormwater Management

4.10 Promote use of pervious concrete

4.06 Promote the use of building methods which are hazard resistant and built above the code

Goal 5: Promote, implement and sustain mitigation measures in order to reduce and manage risks to human life, the environment, and property

5.01 Provide training in floodplain management for local officials

5.03 Maintain a comprehensive GIS database

- Including Properties, hazard areas, service districts, facilities, vulnerable populations

5.06 Engage with regional HM planning efforts

- e.g. LA SAFE, Watershed Initiative, LFMA

5.20 Incorporate climate change impacts into all planning

Goal 6: Ensure Community Continuity in the events of Natural and Manmade Hazards

6.01 Integrate Data Across City Departments

- New financial management system

6.03 Install Emergency Generators at all shelters and critical facilities

- Generator projects, Nursing Home ordinance

6.08 Improve Asset Management to assist with documentation of damages

- Developed Survey123 apps for regular inspection and post-event surveys

How to Provide Input

- I. Visit ready.nola.gov/hazard-mitigation/home/
- II. Review and Comment on 2015 Actions, and Propose New Actions
- III. Email hazardmitigation@nola.gov
- IV. Provide as much detail as you can



HAZARD MITIGATION PLAN

THE CITY OF NEW ORLEANS

Search

HOME 2015 ACTION ITEMS

Home • 2020 Hazard Mitigation Plan • Home

2020 HAZARD MITIGATION PLAN

Upcoming Community Meeting, Thursday, Sep. 17 at 6pm

Join us online for the third community meeting on the Hazard Mitigation Plan Update.

[Register here](#)

[Review and comment on 2015 action items](#)

We're planning for a resilient future.

In 2020, the City of New Orleans will update its Hazard Mitigation Plan. Through this process, we will detail the risks faced by our city--both man made and naturally occurring--and risk reduction strategies that can help lessen the impact of future disasters. The plan helps guide the City and its partners to implement these strategies throughout New Orleans.

For the first time ever, the City's plan will be multi-jurisdictional with major stakeholders involved as signatories, including the Sewerage and Water Board of New Orleans, New Orleans Redevelopment Authority, Housing Authority of New Orleans, Orleans Parish School Board, Dillard University, Loyola University of New Orleans, Tulane University, and Xavier University. Together in this planning process, these entities will identify shared resilience goals, increase access to joint mitigation efforts and grant opportunities, and leverage resources to increase risk education and community outreach.

Maintaining an up-to-date Hazard Mitigation Plan is also a federal requirement. The [Hazard Mitigation Office](#), housed in the New Orleans Office of Homeland Security and Emergency Preparedness, will oversee the plan update process. Read the current [Hazard Mitigation Plan](#), which was adopted in 2016.

2020 HAZARD MITIGATION PLAN

Mitigation Actions

During the last update of the Hazard Mitigation Plan in 2015, the following action items were identified to reduce risk in the face of future disasters. You can filter the actions by mission area, capability, hazard addressed, status as of the end of 2019, and agency responsible. As the City drafts new action items for the 2020 update, we're asking for your feedback and suggestions to make New Orleans more resilient during the next five years.

Suggest an action item

Mission

All (5 missions)

Capability

All (35 capabilities)

Hazard

All (31 hazards)

Status

All (7 statuses)

Agency

All (28 agencies)



Public Information and Warning

Increase the City's preparedness by becoming StormReady and by pursuing No Adverse Impact

1.01

Hazard:

Flood, Tropical Cyclones, Storm Surge, Levee Failure, Coastal Erosion, Tornado/Extreme Wind, Subsidence [Flood](#)

Status:

In Progress

Mission:

Mitigation

Timeframe:

1-5 years

Priority:

High

Location:

City Wide

Agencies:

City of New Orleans

Cost:

50000

Funding source:

City of New Orleans General Fund, Private Sector

2019 Status:

Ongoing

2019 Status Summary:

NOHSEP to maintain certification

Comment on this action item

Comment on this action item

Action Item

1.01 Increase the City's preparedness by becoming StormReady and by pursuing No Adverse Impact

Your Name

Your Email

Your Organization (if applicable)

Comment *(required)*



Submit



HAZARD MITIGATION

THE CITY OF NEW ORLEANS

HOME 2015 ACTION ITEMS

Home > 2020 Hazard Mitigation Plan > Action Items

2020 HAZARD MITIGATION

Mitigation Action Items

During the last update of the Hazard Mitigation Plan, you can filter the actions by mission area. For the 2020 update, we're asking you to suggest action items for the 2020 update.

Suggest an action item

Mission

All (5 missions)

Capability

All (35 capabilities)



Public Information
Increase the impact

1.01



Mass Care Services
Improve pedestrian

1.02

On-scene Security

SUGGEST AN ACTION ITEM

Your Name:

Your Email:

Your Organization (if applicable):

Name of action:

Description:

What hazard(s) does this address? :

- Flooding
- Tropical Cyclones
- Coastal Erosion
- Tornadoes
- Subsidence
- Winter Weather
- Extreme Heat
- Drought

Search

in the face of future disasters. You can filter the actions by mission area. As the City drafts new action items for the next five years.

Agency

All (28 agencies)

pursuing No Adverse



Plan Integration

Actions and Strategies from Related Plans/Programs

- City Master Plan, Climate Action Plan, Urban Water Plan
- SWBNO HM Plan
- Louisiana Coastal Master Plan, Watershed Initiative
- Other Best Practices

Next Steps

Next Steps

- Submit your ideas to hazardmitigation@nola.gov
- Planning team will review and workshop
- Present draft list of actions at next meeting
- Website up for user feedback
- Draft Plan public comment period



THANK YOU

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