

Multi- Jurisdictional Hazard Mitigation Plan

February 25, 2025



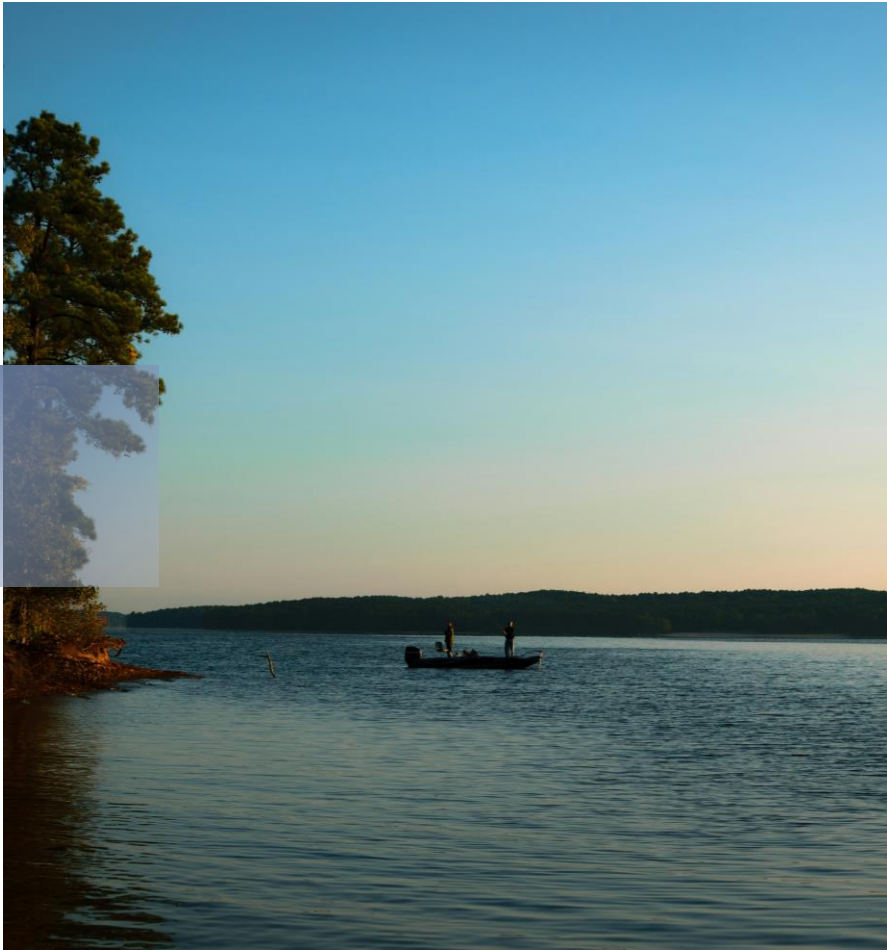
HAZARD MITIGATION

Mitigation planning saves lives and property, speeds recovery following disasters, and expedites pre-disaster and post-disaster grant funding.

Increases community resilience to hazards like flooding, wildfires, hurricanes, and more.

For every \$1 spent on mitigation, \$6 is saved in recovery.





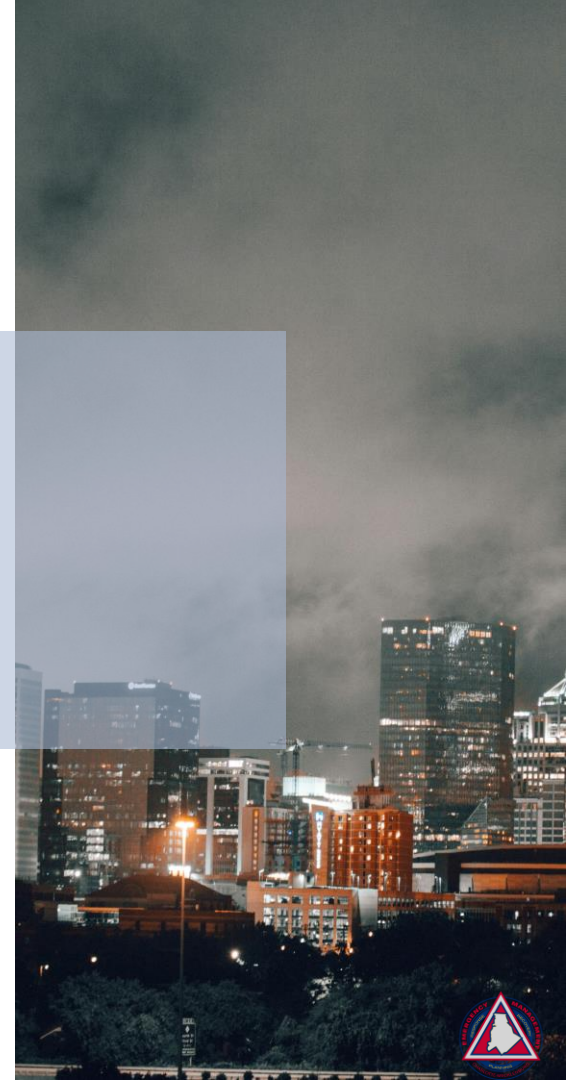
ABOUT THE PROGRAM



PLAN MAINTENANCE

This plan is to be updated every 5 years to be compliant with federal and state guidelines.

The last plan was the 2020 Multi-Jurisdictional Hazard Mitigation Plan.



PROCESS



- Convene a committee
- Involve the public
- Coordinate with stakeholders

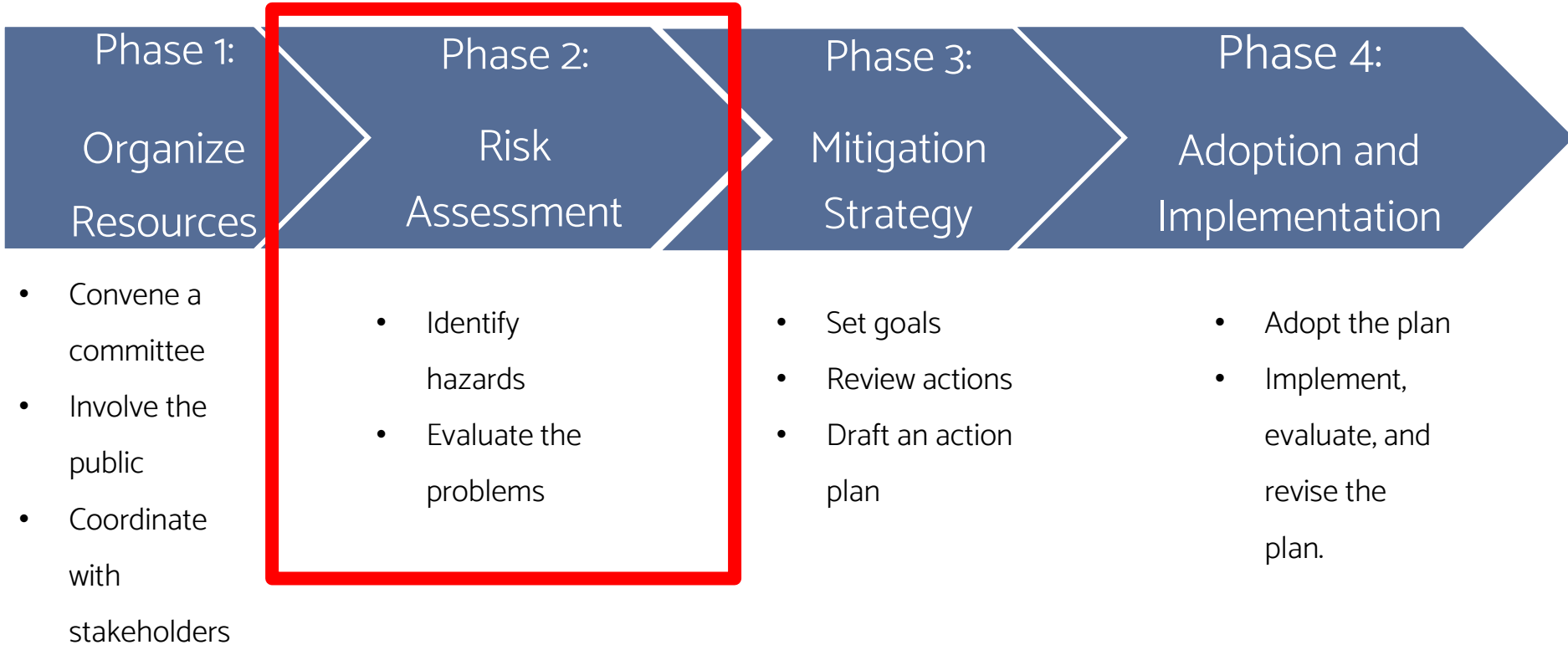
- Identify hazards
- Evaluate the problems

- Set goals
- Review actions
- Draft an action plan

- Adopt the plan
- Implement, evaluate, and revise the plan.



PROCESS



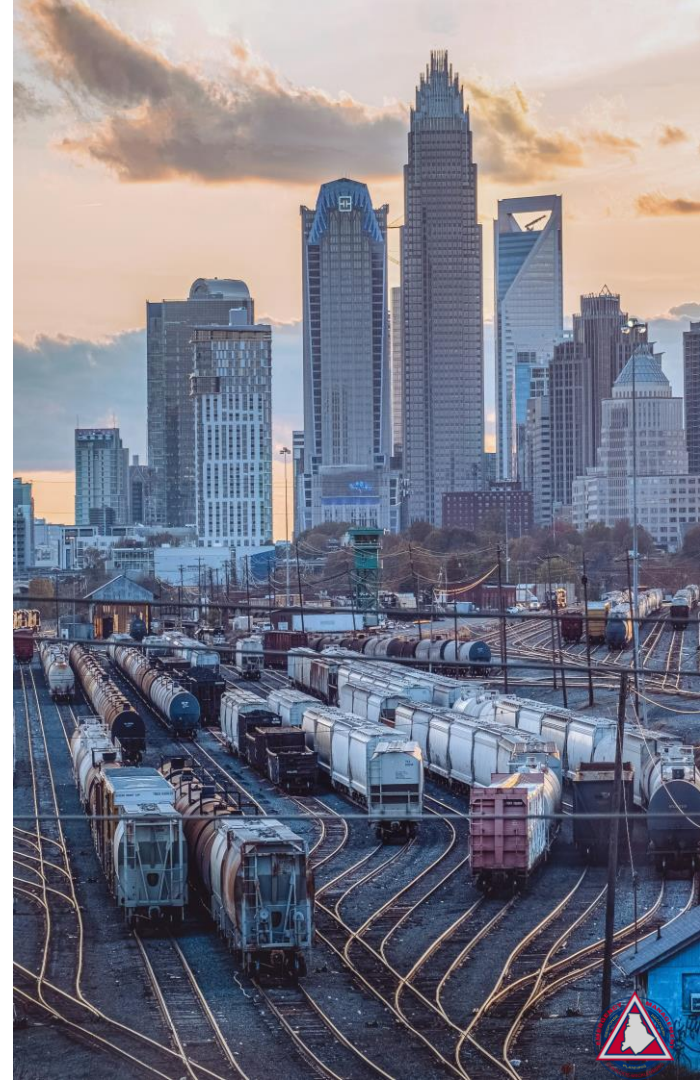
RISK ASSESSMENT

1. IDENTIFY HAZARDS

2. PROFILE HAZARD EVENTS

3. INVENTORY ASSETS

4. ESTIMATE LOSSES



HAZARDS IDENTIFIED

Natural Hazards

Dam & Levee Failure

Drought

Earthquake

Excessive Heat

Flooding

Landslides

Hurricanes & Tropical Storms

Tornadoes & Thunderstorms

Severe Winter Weather

Wildfire

Technological Hazards

Cyber Threat

Hazardous Substances

Radiological Emergency



INITIAL RISK INDEX RESULTS

Hazard	Probability	Impact	PRI Score
Dam & Levee Failure	Unlikely-Possible	Limited-Critical	1.8-2.4
Drought	Likely	Minor-Limited	2.5-2.8
Earthquake	Unlikely	Minor	1.9
Excessive Heat	Highly Likely	Critical	3.3
Flooding	Possible-Highly Likely	Critical	2.7-3.3
Hurricane & Tropical Storm	Likely	Limited-Critical	2.6-2.9
Landslide	Unlikely-Possible	Minor	1.2-1.5
Severe Winter Weather	Highly Likely	Limited	3.0
Thunderstorm: Hail	Highly Likely	Minor	2.2
Thunderstorm: Lightning	Highly Likely	Minor	2.2
Thunderstorm: Winds	Highly Likely	Minor-Limited	2.6-2.9
Tornado	Likely	Critical	2.7
Wildfire	Possible	Limited	2.2
Cyber Threat	Possible	Limited	2.4
Hazardous Substances	Likely-Highly Likely	Critical	2.8-3.1
Infectious Disease	Possible	Critical	2.8
Radiological Emergency	Unlikely	Critical-Catastrophic	2.8-3.1

The level of risk reflects:

- the probability
- the potential impact of the unwanted event.





MITIGATION STRATEGY

1. Implement hazard mitigation projects to protect critical facilities and infrastructure from future hazards.
2. Conduct education and outreach to inform the public about hazards and promote preparedness.
3. Enhance emergency preparedness and response capabilities.
4. Enact planning and policy measures to reduce hazard impacts and improve resilience in future development.



PLAN SCHEDULE

March 2025 Public Meeting #3 – Mitigation Strategy Meeting

April 2025 Public Meeting #4 – Draft Plan Review

May 2025 Draft plan due to NCEM for review

July 2025 FEMA plan review estimated

September 2025* Local adoption

November 2025 * The final approved plan due
Current plan expiration

* Indicates tentative dates





PUBLIC INVOLVEMENT

Share the Survey!

A public survey has been shared online for residents to submit feedback.



THANKS

Follow project updates:
mecklenburghmp.com

