



# Regional Hazard Mitigation Plan

City of Winston-Salem - AUGUST 2025

# Northern Piedmont Regional Hazard Mitigation Plan

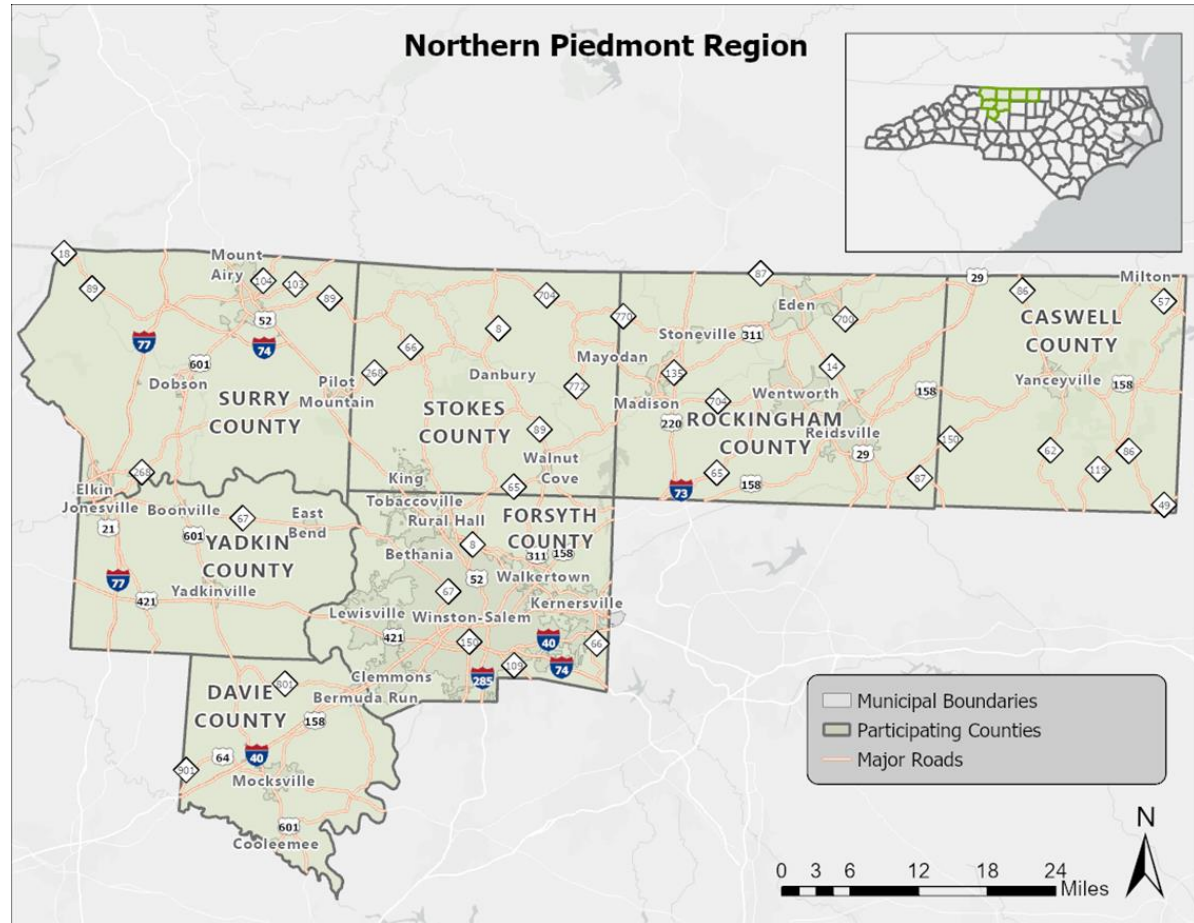
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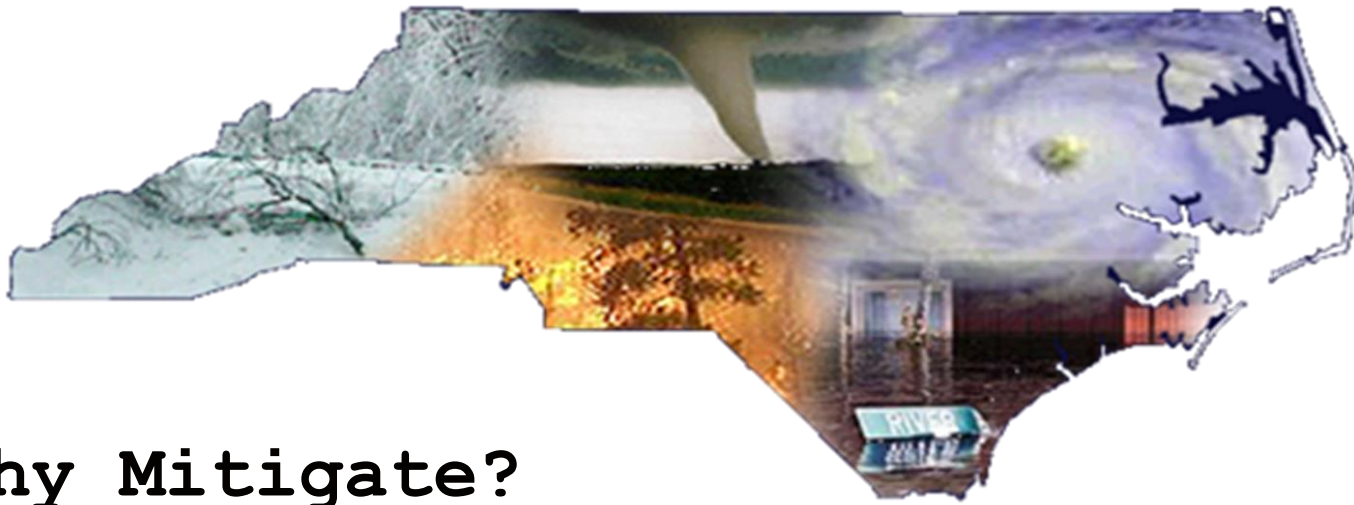


Plan Design Enable

10/26/16 rev 1/14

## Northern Piedmont Region





## Why Mitigate?

- ▶ Reduces the impact of natural, technological, and human-caused hazards on property and life
- ▶ Identify risks and develop strategies to lessen our vulnerabilities

## Benefits of Mitigation:

1. Support prevention and protection
2. Ease response and speed recovery
3. Create more resilient communities



# Purpose of Update



Reflect on Changing Risks



Increase Community Resilience



Compliance and Funding



Ensure Preparedness

# Mitigation Action Categories

Prevention

Property Protection

Public Education &  
Awareness

Emergency Services

Natural Resource  
Management

Structural Projects



# RISK = FREQUENCY x VULNERABILITY

<b>HIGH RISK</b>	Cyber Excessive Heat Tornadoes/Thunderstorms Flooding Infectious Disease
<b>MODERATE RISK</b>	Drought Hurricanes/Coastal Hazards Severe Winter Weather Earthquakes Geological Dam Failure Wildfires Hazardous Substances Terrorism Food Emergency
<b>LOW RISK</b>	Radiological Emergency Electromagnetic Pulse Civil Disturbance

Hazard	Subhazard (s) Assessed	Category/Degree of Risk					
		Probability	Impact	Spatial Extent	Warning Time	Duration	PRI Score
Natural Hazards							
Excessive Heat		Likely	Critical	Large	More than 24 hours	More than 1 week	3.1
Tornadoes/ Thunderstorms	High Wind, Hail, Lightning	Highly Likely	Critical	Moderate	6 to 12 hours	Less than 6 hours	3.1
Flooding		Likely	Critical	Moderate	6 to 12 hours	More than 1 week	3.1
Infectious Disease	Foreign Animal Disease	Likely	Critical	Large	More than 24 hours	More than 1 week	3.1
Technological Hazards							
Cyber		Highly Likely	Critical	Moderate	Less than 6 hours	More than one week	3.5

# Public Survey – Concerns

Infrastructure Vulnerability

Natural Disaster Preparedness

Cybersecurity Threats

Resource Accessibility During Crises

Public Awareness and Accountability



1. Introduction
  2. Planning Process
  3. Community Profile
  4. Hazard Identification
  5. Hazard Profiles
  6. Vulnerability Assessment
  7. Capability Assessment
  8. Mitigation Strategy
  9. Mitigation Action Plan
  10. Plan Maintenance
- Appendices

## Northern Piedmont Regional Hazard Mitigation Plan

FINAL - JUNE 2020



# Appendices

- A. Plan Adoption
- B. Planning Tools
- C. Local Mitigation Plan Review Tool
- D. Planning Process Documentation
- E. Completed Mitigation Actions
- F. Flood Hazard Maps
- G. Wildfire Hazard Maps
- H. NCEI Storm Event Data
- I. FEMA National Risk Index Report

# Your Involvement:

- ▶ Approving the plan for City of Winston-Salem
- ▶ Implementing the plan
- ▶ Advocating for mitigation