

SOUTHEASTERN NC REGIONAL HAZARD MITIGATION PLAN

STATUS UPDATE



PLAN OVERVIEW

Regional Plan

Short Term Plan (5-years)

Consultant: *Holland & Associates*

Approval By State Of NC Division Of Public Safety

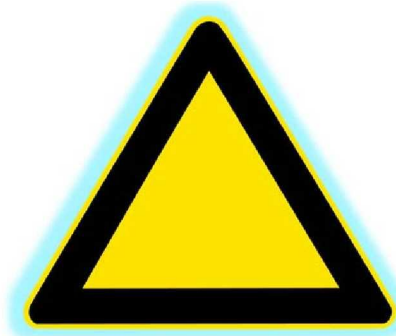
Looks At Direct Issues & Focuses On Impacts

Consolidated Various Plans into One

Adopted by Brunswick County Board of Commissioners: April 4, 2016
Adopted by New Hanover County Board of Commissioners: June 20, 2016
Adopted by Pender County Board of Commissioners: April 18, 2016
Approved by Federal Emergency Management Agency: April 26, 2016

WHAT EXACTLY IS HAZARD MITIGATION?

The practice of reducing risks to people & property from natural disasters



PLAN IDENTIFIES MAJOR NATURAL DISASTERS

HURRICANES & COASTAL STORMS

FLOODING

WINTER STORMS & FREEZES

**SEVERE THUNDERSTORM, WINDSTORMS,
LIGHTENING, & HAIL**

TORNADO

WILDFIRES

EARTHQUAKES

DAM/LEVEE FAILURE

DROUGHTS & EXTREME HEAT WAVES

TSUNAMIS

SINKHOLES

COASTAL HAZARDS (*RIP CURRENTS, STORM SURGE, BEACH EROSION*)



PLAN FOCUSES ON PREVENTING IMPACTS AND REDUCING RISKS FROM MAJOR NATURAL DISASTERS

Flooding

Wind Damage

Beach Erosion

Extreme Heat

Water Quality

Wildfires

Loss Of Land & Structures

Damage to Fragile Areas



PLAN GOALS

1. Improve Existing Policies & Codes
2. Protect Vulnerable Public And Private Properties
3. Retrofit Existing Facilities And Infrastructure Using Innovative Design Or Replacement
4. Promote Public Awareness Through Education
5. Improve Stormwater Management
6. Enhance Evacuation Procedures Through Increased Coordination
7. Increase Emergency Management Capabilities Through Sustained Systems & Technology Improvements
8. Promote Volunteer Involvement Through Public Awareness & Training



HAZARD MITIGATION IMPLEMENTATION STRATEGIES

Strategies Focuses On Plan Goals & Reducing Impacts
From The 12 Major Natural Disasters

- Looked At Many Factors Including Cost Benefits, Environmental Impacts, & Feasibility
- Categorized Priority Into Low, Medium, And High
- Recognizes Need For Funding And Resources
- Consolidated Brunswick County Related Strategies From 247 To 66
- Some Strategies Come Directly From Other Plans & Documents

REGIONAL STRATEGIES -- 10

BRUNSWICK CO. STRATEGIES – 53

TOWN STRATEGIES –13

INITIATIVES REDUCING FLOODING IMPACTS

– Flood Management Enhancements

- *Added Floodplain Administrator Position*
- *Enhanced the Flood Permits Process*
- *Updated Flood Damage and Prevention Ordinance*
- *Working With Owners That Are In Violation To Bring Property Into*
- *Applied To Become Part Of The Community Rating System (CRS) (October 2017)*
- *New Flood Damage Prevention Ordinance*
- *New FEMA Flood Maps*
- *Participating In The Tri-county User Group*
- *Education & Outreach - Uniting Contractors & Brunswick County*

– Special Projects

- *Lockwood Folly Roundtable*
- *CAW-CAW Projects*
- *Brunswick County Trail Plan*

– UDO Refinements To Promote Low Impact Development (LID)

– Stormwater Management

- *Stormwater Management Ordinance That Exceeds State Standards*
- *Update Stormwater Management Ordinance*
- *Low Impact Development (LID) Options Are Available Through The Brunswick County LID Manual*

UNITING CONTRACTORS & BRUNSWICK COUNTY GOVERNMENT

TUESDAY, FEBRUARY 6TH
5:00PM
101 STONE CHIMNEY ROAD, SUPPLY 28452

You are cordially invited to the 1st annual "Uniting Contractors & Brunswick County Government" event. Michael Slate, Director of Code Administration, along with the full support of Brunswick County Administration, is focused on a cohesive approach between local government and contractors which will improve the way we conduct business daily. Michael, previously a general contractor, understands the frustrations that occur during the construction process and hopes this will become an opportunity to explore the issues we face while complying with the laws that govern our trades. All engineers, builders, electricians, plumbers, and mechanical contractors provide their expertise to the proper construction of a home or commercial property through state and local code compliance. With this goal in mind, he has partnered with the Brunswick County Home Builders Association and several other sponsors to create an informational and fun event. We are focused on providing property owners with the best product possible through a team effort and hope to see you there. Please join us for dinner, door prizes, information and ideas!

RSVP @ hchba@atmc.net

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Brunswick County Home Builders Association

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Brunswick County
Code Administration

INITIATIVES PREVENTING EROSION IMPACTS

- Brunswick County Coordinates Shoreline Protection Beach & Beach Re-nourishment Efforts
- Designed Planning Staff Member To Work On Shoreline Protection Beach & Beach Re-nourishment
- Coordinate The Brunswick County Shoreline Protection Consortium



INITIATIVES PREVENTING THE LOSS OF LAND & STRUCTURES

- Enforce NC State Building Code
- Enforce Minimum Housing Code
- Enforce Flood Damage Prevention Ordinances
- Enforce Stormwater Ordinance
- Require Freeboard (2 Ft.)
- Hosted U.S. Corp. Of Engineers Workshop on Wetlands
- Encourages Burning
- UDO Refinements
 - *Promote Environmental Sustainable Practices*
 - *Encourage Cluster Developments*
 - *Integration Of NC Wildlife Green Growth Tool Box & Exceptional Design*
 - *Promote LID Techniques*

OTHER INITIATIVES THAT COULD BE IMPLEMENTED

- Encourage The Retrofitting Of Existing Buildings
- Takes Steps To Further Reduce Insurance Rates
- Participate In The FEMA Buyout Program
- Update The Brunswick County Land Use Plan To Ensure The Maps Adequately Delineates Unsuitable For Development Related To Flooding

NEXT HAZARD MITIGATION PLAN : 2021

