



## Pamlico Sound Regional HMP

Hazard Mitigation Planning Committee Meeting  
February 28, 2019



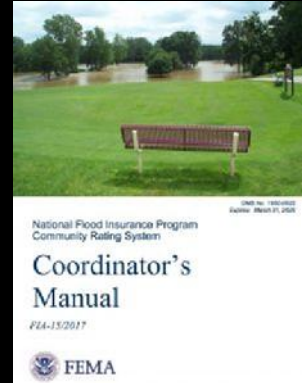
## Participants

\*Jurisdictions not attending first meeting.

- Beaufort County\*
  - Aurora
  - Bath\*
  - Belhaven
  - Chocowinity
  - Pantego\*
  - Washington\*
  - Washington Park
- Carteret County
  - Atlantic Beach
  - Beaufort
  - Bogue
  - Cape Carteret
  - Cedar Point
  - Emerald Isle
  - Indian Beach\*
  - Morehead City
  - Newport
  - Peletier\*
  - Pine Knoll Shores
- Craven County
  - Bridgeton
  - Cove City
  - Dover\*
  - Havelock
  - New Bern
  - River Bend
  - Trent Woods\*
  - Vanceboro
- Pamlico County
  - Alliance\*
  - Arapahoe\*
  - Bayboro
  - Grantsboro
  - Mesic\*
  - Minnesott Beach
  - Oriental
  - Stonewall
  - Vandemere

## What is CRS?

- Voluntary incentive program for NFIP participating communities
- Reduced flood insurance premiums for citizens in return for better floodplain management by communities
- CRS is modeled after the ISO fire insurance rating system



## CRS in Pamlico Sound Region

### CRS Rating Discounts

- 1 = 45% Discount
- 2 = 40% Discount
- 3 = 35% Discount
- 4 = 30% Discount
- 5 = 25% Discount
- 6 = 20% Discount
- 7 = 15% Discount
- 8 = 10% Discount
- 9 = 5% Discount
- 10 = 0% Discount

### CRS Communities & Ratings

- Belhaven - 7
- Washington - 7
- Washington Park - 8
- Carteret County - 7
- Atlantic Beach - 8
- Beaufort - 7
- Cape Carteret - 8
- Cedar Point - 9
- Emerald Isle - 7
- Morehead City - 7
- Newport - 8
- Pine Knoll Shores - 6
- Craven County - 8
- Havelock - 8
- New Bern - 10
- River Bend - 8
- Pamlico County - 8
- Alliance - 9
- Bayboro - 9
- Minnesott Beach - 9
- Oriental - 8
- Stonewall - 9
- Vandemere - 8

## CRS Goals

- Reduce flood damage to insurable property
- Strengthen/support insurance aspects of NFIP
- Encourage a comprehensive approach to Floodplain Management

## Mitigation Goals

### Existing Goals from 2015 Plan

- Reduce the risk of loss of life and personal injury from natural hazards
- Reduce the risk and impact of future natural disasters by regulating development in known high hazard areas
- Maintain critical facilities in functional order
- Protect infrastructure from damage
- Ensure that hazard mitigation is considered when redevelopment occurs after a natural disaster
- Provide education to citizens that empowers them to protect themselves and their families from natural hazards.
- Fulfill Federal and State requirements for receipt of future disaster recovery and hazard mitigation assistance.
- Improve interjurisdictional cooperation and coordination, especially regarding the reduction of natural hazard impacts.

# Update Mitigation Strategies

- See action plan handouts
- Be as detailed/specific as possible

For every action, it must be clear whether the action is to be *carried forward* or *removed* in the plan update.

# Existing Mitigation Strategies

Table 65. Pamlico Sound Regional Mitigation Strategies

Number	Strategy	Responsible Party/Dept.
R1	Participating Counties will work together to educate citizens about the availability of their respective Social Network Registry. These efforts will involve not only education, but outreach regarding how and where to enroll, especially to ensure that assistance will be provided in the event of a natural or man-made disaster requiring evacuation and sheltering.	<ul style="list-style-type: none"> <li>Participating County Emergency Management</li> <li>Participating County Administration</li> </ul>
R2	Emergency Management Departments for each participating County will work collectively to improve regional response capabilities into annual exercises organized through North Carolina Emergency Management. These efforts will be focused on establishing of available resources including, equipment, personnel, and materials.	<ul style="list-style-type: none"> <li>Participating County Emergency Management</li> <li>Participating County Administration</li> </ul>
R3	Participating Counties will coordinate all of the local and regional data, information, and statistics outlined within this plan when carrying out duties and responsibilities associated with the participating county's local Emergency Planning Committee (EPC).	<ul style="list-style-type: none"> <li>Participating County Emergency Management</li> <li>Participating County Administration</li> </ul>
R4	When available, Participating Counties involved in the Community Rating System (CRS) will aim to leverage efforts regarding compliance with the program. This strategy will continue to reduce redundancy and staff time investment in maintaining and/or maintaining non-alignment with the program.	<ul style="list-style-type: none"> <li>Participating County Administration</li> </ul>
R5	Participating counties will work together to ensure that the sheltering needs of each community are adequately addressed. These efforts will involve coordination between County Emergency Management Departments, NCEM, and the American Red Cross.	<ul style="list-style-type: none"> <li>Participating County Emergency Management</li> <li>NC Emergency Management</li> <li>American Red Cross</li> </ul>
R6	Participating Counties will work together through the regional Pamlico Sound Advisory Committee to identify and, where possible, address different issues of regional significance/ concern. These efforts will also include the input and involvement of NC State Agencies.	<ul style="list-style-type: none"> <li>Participating County Administration</li> <li>NC Department of Transportation</li> <li>NC Department of Environment and Natural Resources</li> <li>NC Emergency Management</li> </ul>
R7	Participating Counties will work together in an effort to educate citizens about the hazard mitigation and public safety issues and efforts underway throughout the Region. These efforts will involve the recruitment and engagement of volunteer groups to address a range of issues relating to mitigation and emergency response.	<ul style="list-style-type: none"> <li>Participating County Emergency Management</li> <li>Participating County Administration</li> </ul>
R8	Participating Counties will be open to maintaining and maintaining mutual aid agreements focused on providing emergency assistance in the form of manpower, equipment, and sheltering in the event of natural and disaster. Resource allocation will be determined on an as-needed basis.	<ul style="list-style-type: none"> <li>Participating County Emergency Management</li> <li>Participating County Administration</li> </ul>
R9	Participating Counties will work together on all future regional planning efforts relating to land use, emergency management, and stormwater management.	<ul style="list-style-type: none"> <li>Participating County Administration</li> </ul>
IF1	Participating Counties will maintain representation on the Pamlico Sound Regional Mitigation Advisory Committee and will participate in the five-year update of its plan.	<ul style="list-style-type: none"> <li>Pamlico Sound Regional Mitigation Advisory Committee</li> </ul>
R11	Participating Counties will coordinate preparing a regional plan in concert with the NC Forest Service to deal with wildfire mitigation. This plan will consider things such as fuel reduction programs and creating homelands to the risk of wildfires.	<ul style="list-style-type: none"> <li>Participating County Administration</li> <li>NC Forest Service</li> </ul>

# Existing Mitigation Strategies

**Table 48. Krasen County Mitigation Strategies**

Number	Strategy	Applicable Jurisdiction	Deep	Use	Comment
UK12	Work to expand upon the County's Special Needs Registry (SNR). The SNR is available to all County residents. Effective participation will require close cooperation between County ES and local government staff members. All jurisdictions will work to advertise the availability of this service within their respective communities. It should be noted that applicants must be approved through applications in order. Allocation alone does not result in placement in emergency services.	Krasen County, Underwood, Love City, Doney, Huntington, River, River Bend, Trent Woods, Vancouver			<div style="border: 2px solid red; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Each community will need to report on the status on their actions</p> </div>
UK15	Continue to maintain the County's Local Emergency Planning Committee (LEPC) records on maintaining the evidence and the location of hazard materials throughout the County. The LEPC and County staff will continue to monitor these materials as submitted.	Krasen County			
UK19	Maintain information on the County website relating to evacuation and sheltering. Emergency information on the website will include evacuation routes, sheltering options and sheltering needs information.	Krasen County, Underwood, Love City, Doney, Huntington, River, River Bend, Trent Woods, Vancouver			
UK20	Continue to provide detailed information regarding properties located within flood hazard areas as outlined under GIS Manual Section 722a through 722g.	Krasen County, Harlow, River Bend			
UK21	Continue to maintain a library of portable and an existing of existing buildings, trailers and developers around the County associated with floodplain development. This information will also provide material outlining sound techniques for floodplain development and floodproofing of existing structures. The County will also maintain staff resources in the field to work with progressive builders.	Krasen County, Harlow, River Bend			

# Existing Mitigation Strategies

**Forbes Sound Regional Hazard Mitigation Plan - Mitigation Action Reporting Form**

INTRODUCTION: Complete one form for each mitigation action that will be included in the 2nd annual update.

Annual Date:  2020 Action Status:  Fully Funded /  Partially Funded /  Not Funded

Project Description - Each action must be approved against specific action objectives

Applicable Goal:  Applicable Objective:

Project Details:  
 Action Description (or Action & its Coordinating Action):

Priority Assessment:  
 High Priority  Moderate  Low Priority  Very Low Priority  Not a Priority  
 Urgent  High  Moderate  Low  Very Low  Not a Priority

Estimated Costs:  
 Estimated Funding Source:

Estimated Implementation Schedule:  
 1 year  2-3 years  3-5 years  5+ years  Ongoing

Implementation:  
 Lead Agency:

Implementation	Lead Agency	Partner	Priority
Lead Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partner Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partner Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partner Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partner Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes:  
 All the action is completed  
 All the action is in progress  
 All the action is not yet started

# Community Capability Assessment

Permitting Standard Regional HMP Update – Capability Assessment

Resource	Is Plan Under Development / Provided by County / Not in Plan
Emergency Management Plan	
Environmental Land Use Plan	
Floodplain Management Plan	
Open Space Management Plan	
Stormwater Management Plan	
Transportation Plan	
SARA Title III Plan	
Hazard Mitigation Plan	
Consistency of Operations Plan	
Functional Plan	
Executive Summary Plan	
Capital Investments Plan	
Contractor Development Plan	
Historic Preservation Plan	
Transportation Plan	
Flood Damage Prevention Ordinance	
County Ordinance	
Geotechnical Ordinance	
Site Plan Review Requirements	
Unified Development Ordinance	
Professional Development Ordinance	
Insurance Code	
Community Wildfire Protection Plan	
Hazardous Waste Response Program	
Community Health System	
Administrative & Technical Capability Indicate whether the following staff and technical resources are in place at the local level by responding either "Yes" or "No"	
Personnel with knowledge of land development and land management practices	Yes/No
Engineers or professionals trained in construction practices related to buildings and/or structures	
Personnel with a solid understanding of natural and/or human-caused hazards	
Building Official	
Emergency Manager	
Floodplain Manager	
Land Manager	
Staff to liaise with the boards of the community	
Staff with education or training to assess the community's vulnerability to hazards	
Personnel skilled in GIS and/or GIS/BIM	
Personnel development staff or grant writers	
Staff for grant applications to reduce risk	
Watershed/ watershed agencies	
Mutual Aid Agreements	

Local Capability Indicate whether your jurisdiction has each planning resource identified by responding either "Yes" or "No"	Yes/No
Special Improvement Programming	
Local Government Grants (LUGG)	
Special Purpose Taxes	
State/Local Utility Fees	
Water/Sewer Fees	
Stormwater Utility Fees	
Development Impact Fees	
Local Government Bonds	
Revenue Bonds	
Special Assessments	
Other	
If you responded "Yes" to "Other" describe:	
Education & Outreach Capability Indicate whether your jurisdiction has each resource available by responding either "Yes" or "No"	Yes/No
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	
Outreach public education or information program (e.g., website, live audio web, live satellite, focus group, open house, etc.) on local jurisdiction	
Non-emergency or safety-related school programs	
Storm ready curriculum	
Insurance Education Program	
Public-private partnerships/initiatives addressing disaster-related issues	
Other	
If you responded "Yes" to "Other" describe:	
Mitigation Capability Indicate whether you take the following actions at the local level by responding either "Yes" or "No"	Yes/No
Do you apply for mitigation grant funding?	
Do you use local jurisdiction projects?	
Do you use local and/or state funds?	
Do you use local expertise?	
Political Capability Describe political capability in your jurisdiction	
Are political leaders willing to implement a plan or measure?	
Do you have a disaster-related advisory committee?	
Additional Comments:	
Overall Self-Assessment: Rate your community's overall capability in each area as limited, moderate, or high	Limited/Moderate/High
Capacity Area	
Plan, Ordinance, Code and Program	
Administrative and Technical Capability	
Fiscal Capability	
Education and Outreach Capabilities	
Mitigation Capability	
Political Capability	
Overall Capability	

# Project Schedule

- **HMPC Meetings**
  - Kickoff Meeting – February 12, 2019 (New Bern)
  - HMPC Meeting #2 – February 28, 2019 (Emerald Isle)
  - HMPC Meeting #3 – Late April
  - HMPC Meeting #4 – Late May
- **Public Meetings**
  - Public Meeting #1 – February 28, 2019 (Emerald Isle)
  - Public Meeting #2 – Following 4<sup>th</sup> HMPC Meeting
- **Submit Final Draft Plan to NCEM for review by July 31<sup>st</sup>**

## Housekeeping

- Share the link to the plan website ([www.pamlicohmp.com](http://www.pamlicohmp.com)) on your local community webpages
- Share and promote plan survey
- Post notification of public input meeting on community webpages
- Provide screenshot of public meeting notification
- Contact information from all communities

## Additional Next Steps

- Complete strategy exercise by March 28, 2019
  - Provide current status of existing strategies (keep, delete, comments)
  - Complete Mitigation Action Reporting Form for all strategies to be carried forward into the new plan update
- Review and return capability assessment by March 28, 2019
- Next meeting will be scheduled for late April
- Project team will coordinate new projects specific to local jurisdictions leading up to the 3<sup>rd</sup> meeting

## Contacts

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### Wood Group PLC

David A. Stroud, CFM  
Emergency & Hazard  
Mitigation Lead  
[david.stroud@woodplc.com](mailto:david.stroud@woodplc.com)

Abby Moore  
Hazard Mitigation &  
Resiliency Planner  
[abigail.moore@woodplc.com](mailto:abigail.moore@woodplc.com)

[www.woodplc.com](http://www.woodplc.com)

### Holland Consulting Planners, Inc.

Landin Holland, AICP, MPA, CZO  
Senior Planner  
[lholland@hcpplanning.com](mailto:lholland@hcpplanning.com)

Cindy M. Anderson  
Office Manager  
[canderson@hcpplanning.com](mailto:canderson@hcpplanning.com)

[www.hcpplanning.com](http://www.hcpplanning.com)

## Thank You!

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<http://www.pamlicohmp.com>