



# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## State of North Carolina Hazard Mitigation Branch



Hurricane Irene Update  
EM Forum – January 2012





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Projects

- **Not a Recovery Program, but a long-term activity to prevent future losses**
- **Working closely with most heavily impacted areas (i.e. 300 properties in Pamlico County under Benefit Cost Analysis)**
- **Cost Effective Acquisition and Elevation projects will be the priority**
- **Letter of Interest process beginning; work with heavily impacted areas continuing**
- **Grant applications to FEMA due 1 year after the declaration**





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Projects: Biggest Challenges

- **Benefit-Cost waiver to acquire substantially damaged properties in coastal special flood hazard areas under federal review for 6 months - inhibiting expedited process**
- **Benefit Cost Analysis is a time consuming activity (300 BCAs currently being run for Pamlico County)**
- **Irene was a 200-500 year event in some heavily impacted areas—this reduces the probability of showing cost – effectiveness of elevation or acquisition**





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Projects: Opportunities

- Funding level for cost effective projects highest since Hurricane Floyd
- While not a recovery program, State-FEMA HMGP making the process significantly more streamlined and efficient for communities.
- 406 Mitigation a robust component of JFO Operations





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Projects: Going Forward

- Letter of Interest Process to continue through February
- NCEM and FEMA will conduct detailed benefit cost analysis to attempt to qualify projects
- Complete grants are due in August, but will be submitted earlier as soon as they are ready





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Planning

36 of the 39 Irene Impacted counties have an approved Mitigation Plan.

### Plans Status Statewide

#### January 2011

Plan Status	Number of Plans
Unsubmitted	30
Under NCEM Review	20
Under FEMA Review	17
Approved Pending Adoption	19
Approved and Adopted	43
<b>Total</b>	<b>129</b>

#### January 2012

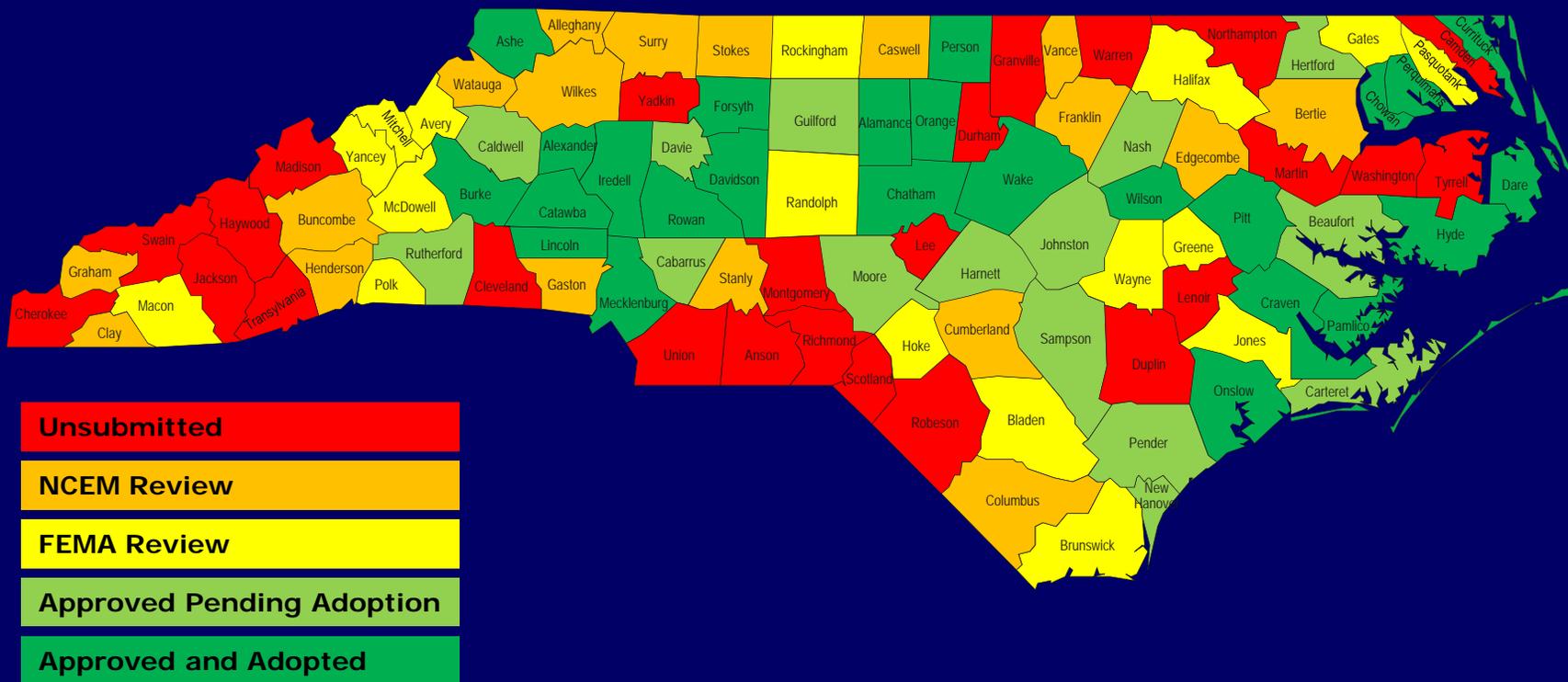
Plan Status	Number of Plans
Unsubmitted	7
Under NCEM Review	3
Under FEMA Review	7
Approved Pending Adoption	12
Approved and Adopted	100
<b>Total</b>	<b>129</b>





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

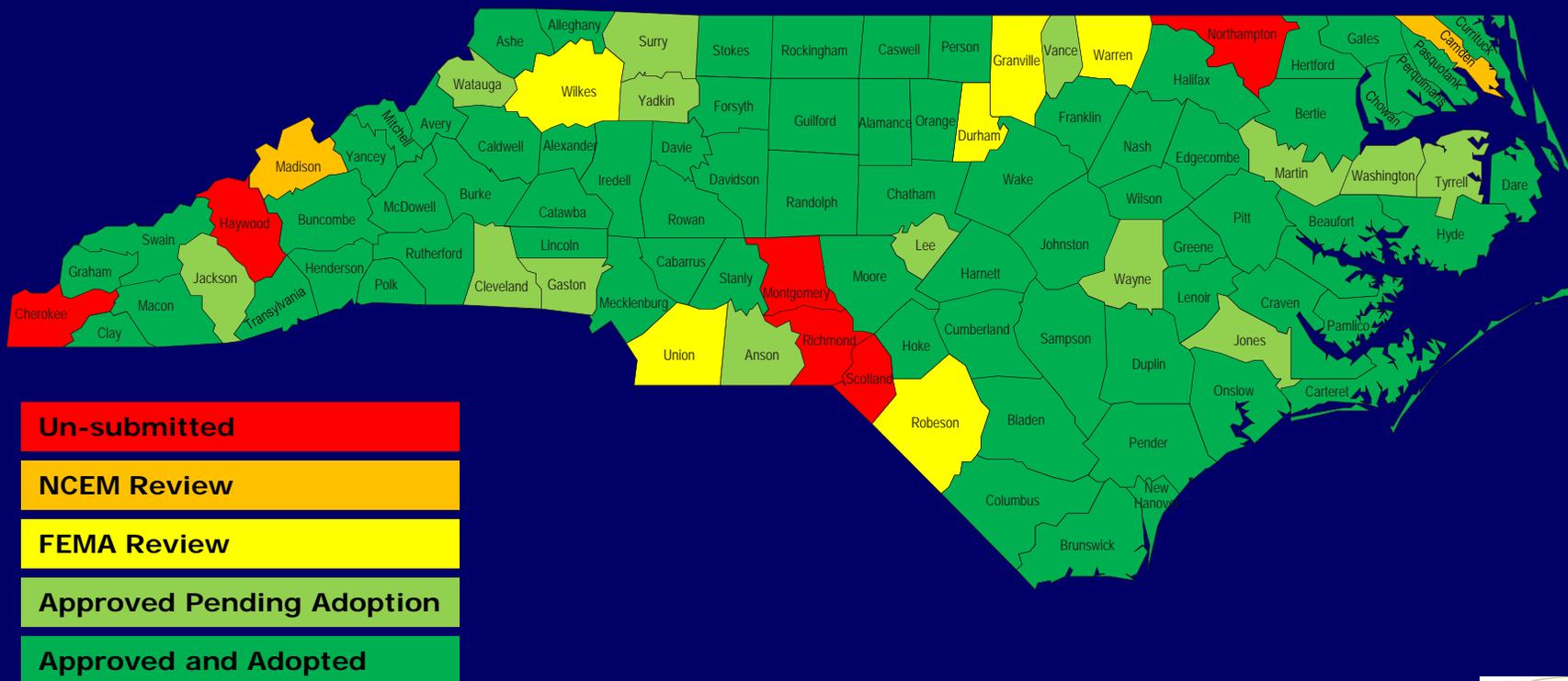
## Status of NC Plans: January 2011





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Status of NC Plans: January 2012





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## New FEMA Planning Guidance

Local Mitigation  
Plan Review Guide  
October 1, 2011



- Over the past year, FEMA has been working to develop a Planning tool that is shorter and easier to manage. That tool was released October 2011.
- **None of the regulations pertaining to mitigation plans have changed!**
- The new guidance and planning tool are simply intended to make it easier for locals to understand what should be included in their mitigation plan and to expedite review at both the state and federal level.
- Mitigation Plans submitted to the State after October 2012 will be required to submit the new format.





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Old Tool (The Crosswalk)

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan provide a narrative description of the process followed to prepare the <b>new or updated</b> plan?				
B. Does the <b>new or updated</b> plan indicate who was involved in the <b>current</b> planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)				
C. Does the <b>new or updated</b> plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)				
D. <b>Does the new or updated plan discuss the opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?</b>				
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?				
F. <b>Does the updated plan document how the planning team reviewed and analyzed each section of the plan and whether each section was revised as part of the update process?</b>				
<b>SUMMARY SCORE</b>				





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation New Tool

CFR location included at the end of each element.

All NCEM/FEMA comments are included at the end of a set of elements. This will only include comments about changes that need to be made.

Locals only required to include page number where element is met. No comment necessary.

1. REGULATION CHECKLIST	Location in Plan (section and/or page number)	Met	Not Met
<b>Regulation</b> (44 CFR 201.6 Local Mitigation Plans)			
<b>ELEMENT A. PLANNING PROCESS</b>			
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))			
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? (Requirement §201.6(b)(2))			
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))			
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))			
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))			
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))			
<b><u>ELEMENT A: REQUIRED REVISIONS</u></b>			





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Planning: Biggest Challenges

- Funding future plan updates
- Submission of plans a minimum 12 to 18 months prior to plan expiration.
- Helping local governments to implement their mitigation plans throughout 5 year cycle.





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## Mitigation Planning: Going Forward

- In the future, we anticipate many more counties and municipalities will elect to come into the regional plan format
  - In this vein, we will seek funding to help communities transition into regional plans
- State 322 Plan- Currently working to update for 2013
- Technical assistance visits
  - We will continue to provide outreach and technical assistance to local governments that are working on local mitigation plan updates
  - With the new FEMA guidance coming into play, we'll be working with locals to ensure they stay in compliance





# North Carolina Division of Emergency Management Recovery Section- Hazard Mitigation

## NCEM Hazard Mitigation

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