HURRICANES MATTHEW AND FLORENCE RECOVERY UPDATE

Laura Hogshead | Chief Operating Officer, NCORR


Nov. 12, 2019
CROSS-SECTIONAL DISPLAY OF COUNTIES IMPACTED BY HURRICANES MATTHEW, FLORENCE, DORIAN AND TS MICHAEL
A NEW OFFICE WITH A DEDICATED FOCUS

• Certified to become the grantee for Hurricane Florence and Hurricane Matthew assistance
• Centralized structure for processing and issuing CDBG-DR awards
• Institutionalizing processes for handling federal grants, resulting in quicker, more efficient assistance
• Joint management of two major recoveries
• Learning best practices from other states and applying lessons learned
• Planning for seamless transition from Matthew recovery to Florence recovery
• Working with State Disaster Recovery Funding to ensure coordination
Community Development Block Grant - Disaster Recovery (CDBG-DR)

Currently spending: $236.5 million for Hurricane Matthew recovery – 80% must be spent in Cumberland, Robeson, Edgecombe, Wayne, Bladen and Columbus

Planning: $168 million for Hurricane Matthew mitigation (appropriated 4/18) – Funding may be spent in Matthew and Florence-affected counties

Awaiting: $336.5 million for Hurricane Florence recovery (appropriated 10/18) – HUD will determine the counties in which we must spend 80% of the funds

Awaiting: undetermined additional amount for Florence recovery – HUD will determine the counties in which we must spend 80% of the funds

Total = $741 million at a minimum for Matthew/Florence
Programs – CDBG-DR Funding:

- Homeowner Repair and Reconstruction
- Homeowner Reimbursement
- Manufactured Home Repair and Replacement
- Buyout
- Infrastructure
- Public Housing Restoration
- Multifamily Affordable Housing Development
- Flood Insurance Assistance
- Small Rental Repair Program
<table>
<thead>
<tr>
<th>Category</th>
<th>Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$11,826,450</td>
</tr>
<tr>
<td>Planning</td>
<td>$11,826,450</td>
</tr>
<tr>
<td>Housing</td>
<td>$112,863,832</td>
</tr>
<tr>
<td>Buyout</td>
<td>$25,000,000</td>
</tr>
<tr>
<td>Small Rental</td>
<td>$18,204,756</td>
</tr>
<tr>
<td>Multifamily Development</td>
<td>$23,204,756</td>
</tr>
<tr>
<td>Public Housing Restoration</td>
<td>$9,959,517</td>
</tr>
<tr>
<td>Small Business</td>
<td>$3,760,000</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$24,883,239</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$236,529,000</strong></td>
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## AWARDS AND COMMITMENTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Committed</th>
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<tbody>
<tr>
<td>Homeowner Award Letters Mailed</td>
<td>$ 89,543,124</td>
</tr>
<tr>
<td>HFA New Multifamily Construction</td>
<td>$ 18,204,256</td>
</tr>
<tr>
<td>Small Business Program</td>
<td>$ 3,760,000</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$ 7,408,500</td>
</tr>
<tr>
<td>Public Housing Authorities</td>
<td>$ 9,459,517</td>
</tr>
<tr>
<td>Program Delivery</td>
<td>$ 19,179,824</td>
</tr>
<tr>
<td><strong>Total Committed</strong></td>
<td><strong>$ 147,091,419</strong></td>
</tr>
<tr>
<td>Drawn – 11/8/19</td>
<td>$ 28,038,094</td>
</tr>
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LOCAL GOVERNMENT PROGRAMS

- State Grant Program for Financially Distressed Local Governments - Provides grants of up to $1,000,000 to eligible local governments to assist with everyday operating expenses and administrative support costs incurred through their local disaster recovery efforts.

- State Revolving Loan for Temporary Cash Assistance to Local Governments - Provides 0% interest loans of up to $2,000,000 to assist eligible local governments in paying for disaster-related expenses while awaiting reimbursement from various federal disaster recovery resources or programs.

- Applications will be received on a rolling basis, awardees will have 3 years to expend funds.

- NCORR has awarded nearly $8 million in grants and nearly $20 million in loans.
ReBUILD NC

Jess Whitehead, Ph.D. | CHIEF RESILIENCE OFFICER, NCORR

A MORE RESILIENT NORTH CAROLINA: BUILD BEYOND

Nov. 12, 2019
COASTAL RESILIENCE  
Bouncing back & building beyond.

**PLAN & BUILD RESILIENCE**

Develop and implement plan to become more resilient.
- improving forecasts, observation models, computer systems
- getting information to decision makers faster
- incorporating green infrastructure

**DISASTER STRIKES**

Disasters can be imminent or strike unexpectedly.
- sea level rise
- tsunamis
- coastal storms and hurricanes

**RESPOND**

Immediately take action following a disaster.
- pollution response
- damage assessment imagery
- completing hydrographic surveys to reopen ports

**RECOVER**

Assess resilience and manage adaptively.
- assessing damage to communities, economy, and environment
- issuing grants to rebuild and restore habitat
- providing data and tools for analysis

Assess resilience and begin planning for the next disaster.

_Building resilience is an iterative process._
A resilient North Carolina is a state where our communities, economies, and ecosystems are better able to rebound, positively adapt to, and thrive amid changing conditions and challenges, including disasters and climate change; to maintain quality of life, healthy growth, and durable systems; and to conserve resources for present and future generations.
## What is the RSF mission?

To facilitate communication and collaboration...

- ...to advise on unmet needs and additional barriers in **ongoing** Matthew and Florence recoveries
- ...to prepare to coordinate with one another in **future** disaster recoveries
- ...to advise on advancing **resilience** of people, places, and natural areas
STATE DISASTER RECOVERY TASK FORCE

What are the different North Carolina RSFs?

- Agriculture
- Business and Workforce Development
- Communications and Intergovernmental
- Community Planning, Capacity Building and Resiliency
- Cultural Resources
- Education
- Emergency Management
- Environmental Preservation
- Health and Human Services
- Housing
- Nonprofit and Volunteerism
- Transportation and Infrastructure
STATE DISASTER RECOVERY TASK FORCE

What will success look like?

Matthew and Florence Recoveries

- **short term outcomes**
  - RSF is aware of current unmet needs from Florence and Matthew
  - RSF is aware of capabilities among RSF members

- **medium term outcomes**
  - RSF develops recommendations for NCEM and NCORR on addressing unmet needs

- **long term outcomes**
  - North Carolina recovers stronger and more resilient from Florence and Matthew
  - Few or no unmet needs from Florence and Matthew

Future Disaster Recovery

- **short term outcomes**
  - RSF has a shared understanding of what the RSF could do if they met right before or right after a disaster

- **medium term outcomes**
  - Disaster: RSF meets and coordinates information, communication, and resources
  - Blue skies: RSF develops an operations manual for its activity after disaster

- **long term outcomes**
  - North Carolina recovers from future disasters quickly and wisely through improved communication and efficient deployment of state and RSF resources
  - Blue skies: RSF develops policy or programming recommendations to address gaps in disaster recovery
STATE DISASTER RECOVERY TASK FORCE

Resilience

- **short term outcomes**: RSF is aware of major vulnerabilities and best practices to improve resilience in their sector.
- **medium term outcomes**: RSF develops recommendations to improve resilience.
- **long term outcomes**: North Carolina is more resilient.

Communication and collaboration

- **short term outcomes**: RSF aware of member organizations and their activities.
- **medium term outcomes**: RSF meets regularly, RSF members build relationships to serve as platform for collaboration.
- **long term outcomes**: Disaster recovery stakeholders easily communicate with one another and readily collaborate to improve recovery and resilience.
North Carolina’s road forward on resilience?

Photo: Baxter Miller/RISING
## PRINCIPLES OF EFFECTIVE RESILIENCE PLANS

<table>
<thead>
<tr>
<th>Principle</th>
<th>Definition</th>
<th>Components of Principle</th>
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<tbody>
<tr>
<td><strong>Goals</strong></td>
<td>Future desired conditions</td>
<td>Plan purpose, vision, goals, and objectives</td>
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<tr>
<td><strong>Fact Base</strong></td>
<td>Empirical foundation that identifies and prioritizes issues to ensure that strategies are well informed</td>
<td>Data sources; analysis of current conditions; climate change exposure; vulnerability and risk assessment</td>
</tr>
<tr>
<td><strong>Strategies</strong></td>
<td>Guide to decision making to assure plan goals are achieved</td>
<td>Capacity building, land use, green infrastructure etc.; cost and co-benefits of strategy options; prioritization of strategies</td>
</tr>
<tr>
<td><strong>Public Participation</strong></td>
<td>Recognition of actors engaged in preparing the plan</td>
<td>Description of planning process and techniques to engage stakeholders; Identify individuals involved in preparation of the plan</td>
</tr>
<tr>
<td><strong>Coordination</strong></td>
<td>Recognition of the interdependent actions of multiple organizations and the need for coordination</td>
<td>Engagement of local universities, state agencies, businesses, neighboring jurisdictions, etc. in the planning process</td>
</tr>
<tr>
<td><strong>Implementation and Monitoring</strong></td>
<td>Guidance to translate plan strategies into action and track progress towards goals</td>
<td>Organizational responsibilities, timelines, and funds for implementation and monitoring</td>
</tr>
<tr>
<td><strong>Uncertainty</strong></td>
<td>Plans recognition of and approaches to overcome uncertainty in future climate projections</td>
<td>Recognize sources of uncertainty; consider multiple future scenarios; flexible, robust, or no-regret strategies</td>
</tr>
</tbody>
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LESSONS FROM IOWA: FLOODS DON’T RESPECT COUNTY BOUNDARIES
LESSONS FROM THE UK: STRATEGY, VISION ESSENTIAL FOR RESILIENCE PRODUCT DELIVERY

• Resilience is systems thinking – NOT an end state

• London, Manchester, and Glasgow: Resilience Partnerships seed thinking and collaboration

• British Standards Institute benchmarks resilience standards on leadership, people, process, product

• Next horizons: assess total value of resilience dividend, not just economic cost-benefit analysis
NC RESILIENCE ROADMAP: BUILD BEYOND

- Create climate for collaboration
- Establish goals, framework that incorporate local and state knowledge and values
- Use a resilience lens on disaster funding
- Get planning and implementation capacity to the local level
- Work with nature, not against it
- Learn from other places
THANK YOU

LAURA HOGSHEAD | CHIEF OPERATING OFFICER, NCORR

JESS WHITEHEAD, Ph.D. | JESSICA.WHITEHEAD@NCDPS.GOV | 984-833-4345