

NOAA DISASTER RECOVERY SUPPORT RESOURCES

In support of FEMA's response to impacts of Tropical storm Helene in North Carolina (DR-4827)
April 2025



NOAA and their partners provide products and services to support coastal and inland communities with recovery planning and decision making. For more information or to discuss specific capabilities, contact Adam.Stein@noaa.gov or Ned.Gardiner@noaa.gov.

ACCESSIBLE AT ANY TIME	
Training and Guidance	<p>Climate Resilience and Adaptation Planning</p> <ul style="list-style-type: none">• Nature-Based Solutions for Coastal Hazards: The Basics• Climate 101: Science, Impacts, and Society• Training for Whole-Community Climate Resilience Planning• What Will Adaptation Cost? An Economic Framework for Coastal Community Infrastructure (also useful for inland applications)• Vulnerability Assessment - Informing Adaptation Actions• Reducing Hazard Impacts through Plan Alignment• Resilience Metrics <p>Risk Communication</p> <ul style="list-style-type: none">• Risk Communication Basics• Risk Communication Best Practices• Building Risk Communication Skills <p>Community Engagement and Facilitation</p> <ul style="list-style-type: none">• Introduction to Stakeholder Participation• Meeting Engagement Tools• Dealing with Disruptive Behaviors in Meetings <p>Grants</p> <ul style="list-style-type: none">• Grant Proposal Development Resources
Community Case Studies	<ul style="list-style-type: none">• Fort Collins Floodplain Management (and more case studies in climate resilience from the U.S. Climate Resilience Toolkit)Planning for a Resilient Recovery Before a Disaster Strikes (Hawai'i)• A Community Works Together to Restore the Floodplain and Reduce Damages (Village of Walton, NY)• Relocation Strategies to Reduce Flood Risk (Kingston, NC)• Community Resilience Planning on a Budget (Lincoln County, ME)• Sharing Stories and Improving Discussions about Floodplain Buyouts (Morris County, NJ)• Post-Sandy Recovery Efforts Provide Opportunity to Prepare for Future Flooding (Brigantine Beach, NJ)• Building Higher and Stronger to Prepare for Future Storms (Monmouth Beach, NJ)• Planning for Resilient Coastal Communities in New York
Data, Mapping, and Visualizations	<ul style="list-style-type: none">• Post-Storm Damage Assessment Imagery• U.S. Climate Resilience Toolkit• Digital Coast• Climate Mapping for Resilience and Adaptation (CMRA)• Climate Explorer

TECHNICAL ASSISTANCE

Planning	<p>NOAA's partner network includes trusted regional partners with climate resilience and adaptation planning expertise relevant to North Carolina. Expertise is drawn from academic institutions, non-profits, and private sector entities. Depending on resource availability, partners may be able to provide assistance in the near term to support recovery planning and project needs.</p> <p>Partners</p> <ul style="list-style-type: none"> • North Carolina State Climate Office • Registry of Adaptation Practitioners • Carolinas Collaborative on Climate, Health, and Equity • Southeast Regional Climate Center • NC Cooperative Institute for Satellite Earth System Studies • UNCA's National Environmental Modeling and Analysis Center <p>Capability examples</p> <ul style="list-style-type: none"> • Incorporating climate information into community planning and decision-making to consider future risks and risk reduction strategies. • Engineering, architecture, and nature-based solutions expertise for designing resilient projects. • GIS support for emergency management and planning applications. • Community engagement, workshop design, and facilitation expertise.
Peer Learning	<p>NOAA can offer connections to communities and adaptation professionals with experience with disaster recovery processes who can share insights and lessons learned.</p>
Enhanced Services	<p>With additional resources, NOAA and its partners could provide consultation, data analysis and interpretation, and other expertise to support state and local recovery assessment and planning needs.</p>