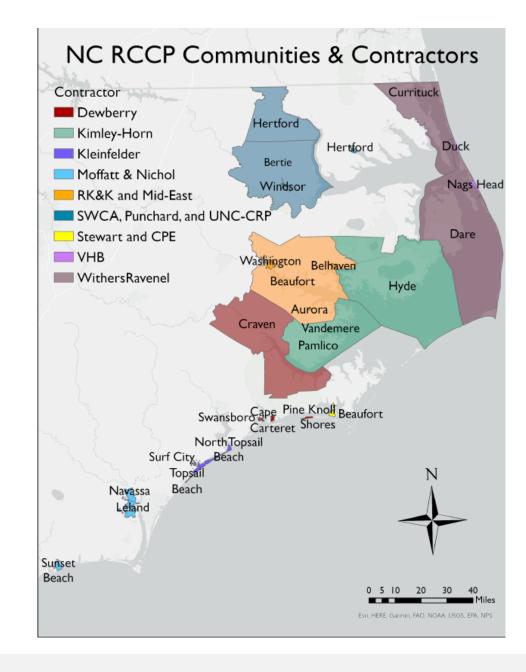


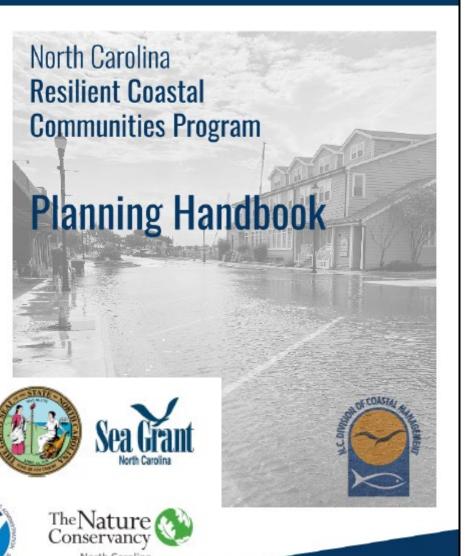
RCCP Program

- Provide funding & technical assistance for:
 - Developing Resilience Strategies (risk
 & vulnerability assessments, portfolios
 of prioritized resilience projects)
 - Project engineering, design, & implementation
- Promote locally-driven, inclusive, & forward-thinking approaches to traditional hazard mitigation planning
- Incentivize innovative solutions (Natural & Nature-Based Solutions



RCCP Program - Handbook

- Facilitate a community-driven process for:
 - Setting coastal resilience goals
 - Assessing existing & needed capacity
 - Identifying & prioritizing projects to enhance community resilience to coastal hazards





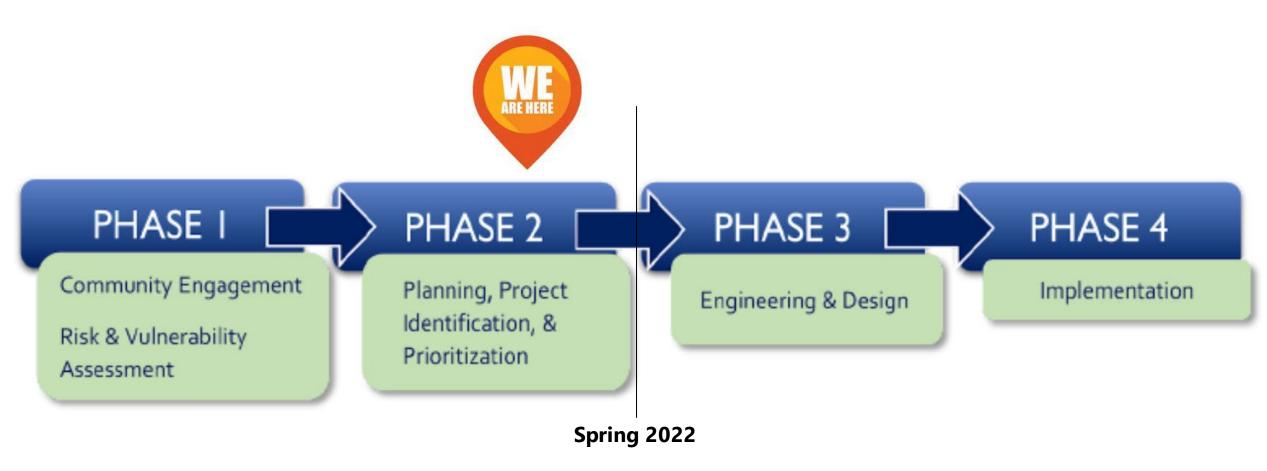




Town of Duck | NC RCCP SLIDE 3

♦NCORR

Process / Timeline



Vision & Goals

- Local Values & Priorities
- Vision Where do you (as a Town) want to be in the future?
- Resilience Goals measurable steps that can be taken to achieve the vision
 - Preparedness
 - Recovery
 - Community engagement
 - Construction & restoration
- Pull from existing sources of information



University of Wisconsin

Planning Documents

- Significant planning efforts:
 - Comprehensive & CAMA Land Use
 Plan Adopted 2021
 - Vulnerability Assessment (of public infrastructure & commercial buildings) – Winter 2020
 - Comprehensive floodwater management discharge plan – Winter 2020

- Outer Banks Regional Hazard
 Mitigation Plan Summer 2020
- Capital Improvement Plan
- Flood Damage Prevention Ordinance –
 Spring 2020



Progress

Phase 1			
Step 1	Develop a CAT		
Step 2	Set Vision & Goals		
Step 3	Review Existing Local Plans & Efforts		
Step 4	Develop a Community Engagement Strategy (
Step 5	Map Critical Assets & Natural Infrastructure		
Step 6	Conduct a Risk & Vulnerability Assessment (

Phase 2			
Step 1	Identify a Suite of Potential Solutions		
Step 2	Consolidate & Prioritize Projects		

- Finalize mapping & vulnerability assessment interactive
 - Based on publicly-available resources and existing data & Town input
 - Hazards (e.g., flooding, storm surge, erosion, fire)
 - Sea level rise
 - Critical assets (e.g., Town facilities, utilities, natural infrastructure, public health and medical facilities, emergency management, communications, energy, transportation)
 - Social vulnerability

https://www.fema.gov/sites/default/files/2020-05/LifelinesFactSheetandPosterv2.pdf

- Identify projects
 - Infrastructure & nature-based measures
 - Local policy & regulations
 - Local & regional plans
 - Education, awareness, & incentive programs

- Prioritize projects
 - Informal cost-benefit (high, medium, low)
 - Advances prior efforts
 - Site specific
 - Interdisciplinary
 - Technical soundness
 - Co-benefits
 - Long-term impact
 - Capacity to implement

- Community outreach
 - March/April
 - Virtual
 - Review of interactive map
 - Review of project matrix
- Social media
- Town website
- Other community events?



Priority Project	
Project Name	Brief title
Project Description	Describe project, including information gathered during effort
Hazard(s) addressed by project	List hazards specific to this program which impact the project location
Type of Solution	Infrastructure, Plans & Policies, Ordinances, Non-regulatory programs, Other
Project Estimated Cost	Estimate total cost of project
Potential Implementation Funding Sources	Identify potential sources for project/action implementation
Projected Estimated Timeline	Estimate length of time project will take to complete and any expected delays in the timeline

Questions / Ideas

Joe Heard | JHeard@TownofDuck.com | 252.255.1234 Candice Andre | candre@vhb.com | 919.741.5346



Photo Source: Town of Duck Comprehensive & CAMA Land Use Plan

Town of Duck | NC RCCP

Interactive Map - Critical Assets & Natural Infrastructure

- Buildings
- Roads/Bridges
- Airports
- Historic properties (National Register)
- Public Libraries
- Schools
- Fire Stations
- Police Stations
- Hospitals
- Nursing Homes
- Surface Water Supply, Intake, Tanks, Pumps, Sources

- Water Treatment Facilities
- Sewer Treatment Plants
- Water quality
- State-owned land
- Federally-owned land
- Conservation Tax Credit Property
- Wetlands (including estuarine shorelines)
- Frontal dunes
- Topography

Interactive Map - Hazards

- Flood hazard areas
- Sea level rise
- Storm events (hurricanes, nor'easters, tropical storms)
- Erosion rates
- Crash History (Vehicle, Pedestrian)
- Hazardous Waste sites
- Wildfire