Duck RCCP Project Matrix

Project Category	Project Name	Project Description	Site Specific?
Education, Awareness, & Incentive Programs	Dune Maintenance Education	Continue education efforts to promote Dune Maintenance	No
Education, Awareness, & Incentive Programs	Vulnerable Area Education	Mitigate ocean overwash and sound erosion by identifying vulnerable areas, developing public outreach information and diseminating this information to the public	No
Infrastructure & Nature-Based Measures	Neighborhhood Stormwater Management Study	Conduct geotechnical/GIS-based study on areas with frequent spot flooding in neighborhoods and roadways to identify potential solutions.	Yes
Infrastructure & Nature-Based Measures	NC12 Resiliency Project (pending)	Install a living shoreline to help protect coastal habitat and mitigate shoreline erosion, which threatens the roadway and private property. The project Includes 988 linear feet of breakwater sills, protection of 21,234 square feet of existing marsh, 12,168 square feet of marsh restoration, and 920 linear feet of riprap revetment.	Yes
Infrastructure & Nature-Based Measures	Support Beach Re-nourishment and Maintenance	Stay informed, involved and supportive relative to Federal, State, and/or regional studies, initiatives and efforts concerning beach re-nourishment and maintenance.	No
Infrastructure & Nature-Based Measures	Beach Nourishment	Protect the oceanfront recreation area through active beach maintenance, nourishment, and public engagement	No
Infrastructure & Nature-Based Measures	Living Shoreline Opportunities	Continue to work with State and Federal Agencies to promote living shoreline opportunities along the soundfront	No
Infrastructure & Nature-Based Measures	Stormwater infrastucture improvements	Improve stormwater drainage in vulnerable areas.	Yes
Infrastructure & Nature-Based Measures	Soundside Shoreline Management Study	Conserve and maintain the wetlands, and other coastal features for their natural storm protection functions, water quality benefits, habitat value, innate beauty, and recreational value, by pursuing efforts to map and restore eroded portions of the Currituck Sound coastline	No
Infrastructure & Nature-Based Measures	Septic System Mapping	Explore community-wide septic system and drainfield monitoring, remediation, and continuity of operations planning.	No
Local & Regional Plans	Open Space Plan	Increase the amount of open space throughout the town by seeking land donations or making land purchases. Develop an open space plan to furter enhance these areas.	No
Local & Regional Plans	Sea Level Rise Analysis	Research and adopt an anticipated level of sea rise for future years relevant to development projects of varying time hori-zons (e.g. - 20 years, 50 years, 100 years). Evaluate the impacts of sea level rise and shoreline erosion on the soundfront and oceanfront to improve the long-term resiliency of the community.	No
Local & Regional Plans	Climate Adaptation Plan	Improve the community's resiliency to rising seas and climate change by evaluating exisiting conditions and development, developing spatial projections for the future in the form of a climate adaptation plan, including identification and assessment of vulnerabilities, priortization of adaptation/mitigation projects and actions (with probable costs), and establishment of timelines for implementation.	No
Local Policy & Regulations	Develop Local Development Regulations	Develop location, density, and intensity criteria for new, existing development and redevelopment including public facilities and infrastructure so that they can better avoid or withstand natural hazards.	No
Local Policy & Regulations	Align Local Economic Policies with Protection of Natural Resources	Adopt and apply development policies that balance protection of natural resources and fragile areas with residental and economic development	No
Local Policy & Regulations	Develop Hazard Area Development Policies	Develop policies that minimize threats to life, property, and natural resources resulting from development located in or adjacent to hazard areas, such as those subject to erosion, high winds, storm surge, flooding, or sea level rise.	No