



**US Army Corps
of Engineers**
Wilmington District

Brunswick County Beaches, Holden Beach Portion, NC Coastal Storm Risk Management

- **Sponsor: Town of Holden Beach**
- **Study Area Impacted by Hurricane Matthew in 2016, Florence in 2018, and Isaias in 2020**
- **Holden Beach General Re-evaluation Report under development**
- **Study Cost: \$3,000,000**



CONGRESSIONAL DISTRICT: NC 07

DATE: 01 APRIL 2022

1. **AUTHORIZATION:** Construction Authority: Sec. 203 of FCA 1966 (PL 89-789) as modified by WRDA 2986 (PL 99-662). Unconstructed.
2. **LOCATION AND DESCRIPTION:** Holden Beach is a seaside town in Brunswick County, North Carolina, United States. The population was 575 at the 2010 census. It is part of the Myrtle Beach metropolitan area. Holden Beach is in southern Brunswick County. The town occupies an 8-mile-long (13 km) barrier island on the Atlantic Ocean, bounded by Shallotte Inlet to the west, Lockwood’s Folly Inlet to the east, and the Intracoastal Waterway to the north.
3. **PURPOSE:** Hurricane Florence made Landfall as a Category 1 Hurricane just 30 miles to the north of Holden and Oak Island but took a long slow track along the coastline and passing directly over these beaches dropping as a Category 1 storm. The Storm dropped over 20 inches of rain in the area and experienced winds in excess of 60 mph for a duration of approximately 6 hours. The study area is subject to coastal storms of increased frequency and intensity, and the project needs a reformulation of the existing design, including its dunes and berm, to determine if any components of the project’s design need to be modified to provide resilience to the impact of erosion, waves and coastal floodwaters on structures, infrastructure and life and safety.
4. **COST ESTIMATE:** General Re-evaluation Report

\$ 1,500,000	(Federal)
\$ 1,500,000	(non-Federal)
\$ 3,000,000	Total

PROJECT INFORMATION – Brunswick County Beaches, Holden Beach Portion, NC Coastal Storm Risk Management – Continued

5. **FEDERAL FUNDING ALLOCATION THRU FY 2021:** \$500,000.
6. **FY 2022 PRESIDENT'S BUDGET:** \$0. Final Bill: \$0.
7. **FY 2022 WORK PLAN:** TBD.
8. **FY 2023 PRESIDENT'S BUDGET:** \$0. Funds in the amount of \$1,000,000 could be used to complete the study.
9. **KEY DATES:**
 - March 2021 – Execute Feasibility Cost Sharing Agreement
 - January 2022 – Alternatives Milestone Meeting (1st Milestone of Study Process)
 - November 2024 – Signed Chief's Report
10. **STATUS:** The General Re-evaluation Report is under development using initial study funding provided by FY21 Work Plan.
11. **OTHER INFORMATION:** There are over 6,000 residences and businesses at risk.