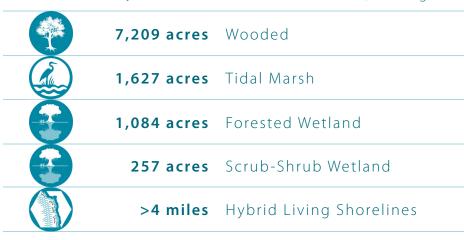
# COASTAL RESILIENCE SUMMARY NORTHUMBERLAND COUNTY, VIRGINIA

**Natural and Nature-Based Features (NNBFs)** 

Forests, trees, wetlands, beaches, and living shorelines benefit communities by reducing storm wave energy, soaking up floodwaters, improving water quality, providing areas for recreation, creating habitats for important plants and animals, and even lowering flood insurance costs. These **N**atural and **N**ature-**B**ased **F**eatures (NNBFs) have been mapped for areas that are less than 10-feet in elevation, experience tidal and storm flooding, and include buildings at risk. (All numbers are approximate.)

### **NNBFs** in Northumberland Coastal Areas

**10,427 acres** All Coastal NNBFs, including:



Visit www.AdaptVA.org to view all coastal NNBFs

## **Benefits of NNBFs in Northumberland**

₹10 ft.	2,309 acres	of NNBFs that decrease flooding risks for buildings
<b>A</b>	10,260 acres	of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus
CRS	4,778 acres	of NNBFs potentially eligible for FEMA Community Rating System credits (100-ft RPA

Center for Coastal Resources Management
Virginia Institute of Marine Science





buffer and wetlands located

within 100-year flood zones)







MAP: Northumberland coastal areas less than 10-ft elevation, with targets for new NNBFs

### **Coastal Area Facts**

for areas less than 10-ft elevation

**13%** of Northumberland area (16,109 acres)

**763** coastal buildings

**0** critical facilities

**37** coastal buildings without NNBF benefits

**24** targets for new NNBFs

## Chesapeake Bay RPA 100-ft Buffer Overview

across all of Northumberland

County

14,240 acres of RPA buffer

**1,557 acres** of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF