

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



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

NNBFs in Northumberland Coastal Areas

10,427 acres All Coastal NNBFs, including:



7,209 acres Wooded



1,627 acres Tidal Marsh



1,084 acres Forested Wetland



257 acres Scrub-Shrub Wetland



>4 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Northumberland



2,309 acres of NNBFs that decrease flooding risks for buildings



10,260 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



4,778 acres of NNBFs potentially eligible for FEMA Community Rating System credits (100-ft RPA buffer and wetlands located within 100-year flood zones)

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



To learn more: www.vims.edu/ccrm/nbf