

COASTAL RESILIENCE SUMMARY

NORTHAMPTON 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: Northampton coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Northampton Coastal Areas

50,980 acres All Coastal NNBFs, including:



36,529 acres Tidal Marsh



6,566 acres Wooded



3,122 acres Beach



2,862 acres Forested Wetland



>1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Northampton



16,248 acres of NNBFs that decrease flooding risks for buildings



47,829 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



36,669 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

42% of Northampton area (54,579 acres)

1,553 coastal buildings

1 critical facilities

525 coastal buildings without NNBF benefits

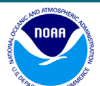
11 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Northampton County

6,926 acres of RPA buffer

621 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF



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