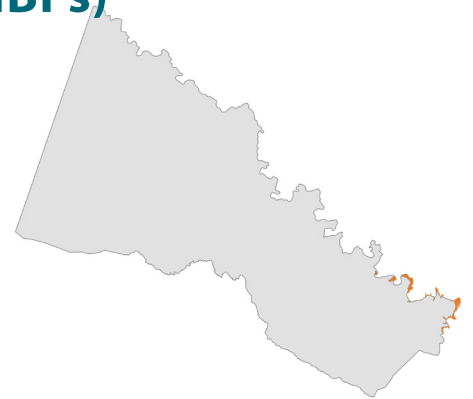


COASTAL RESILIENCE SUMMARY

HANOVER 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: Hanover coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Hanover Coastal Areas

909 acres All Coastal NNBFs, including:



685 acres Forested Wetland



125 acres Wooded



66 acres Emergent Wetland



31 acres Scrub-Shrub Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Hanover



60 acres of NNBFs that decrease flooding risks for buildings



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



8,553 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

<1% of Hanover area (945 acres)

2 coastal buildings

0 critical facilities

0 coastal buildings without NNBF benefits

0 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Hanover County

14,418 acres of RPA buffer

1,354 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF



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