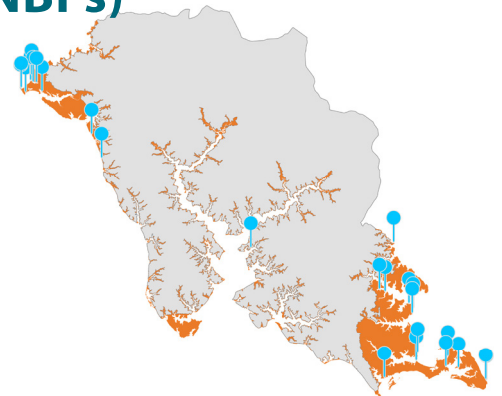


COASTAL RESILIENCE SUMMARY

LANCASTER 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: Lancaster coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Lancaster Coastal Areas

7,079 acres All Coastal NNBFs, including:



4,767 acres Wooded



1,280 acres Tidal Marsh



728 acres Forested Wetland



148 acres Scrub-Shrub Wetland



>5 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Lancaster



3,942 acres of NNBFs that decrease flooding risks for buildings



6,996 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



3,532 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

12% of Lancaster area (10,433 acres)

1,255 coastal buildings

0 critical facilities

37 coastal buildings without NNBF benefits

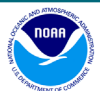
26 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Lancaster County

9,686 acres of RPA buffer

1,031 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF



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