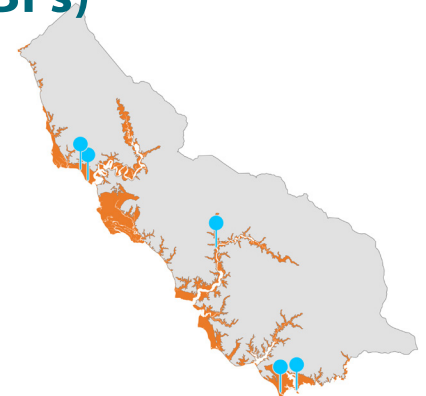


COASTAL RESILIENCE SUMMARY

RICHMOND 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: Richmond coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Richmond Coastal Areas

9,163 acres All Coastal NNBFs, including:



4,315 acres Tidal Marsh



2,560 acres Wooded



1,490 acres Forested Wetland



538 acres Scrub-Shrub Wetland



>1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Richmond



2,187 acres of NNBFs that decrease flooding risks for buildings



9,135 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



2,873 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

10% of Richmond area (12,072 acres)

356 coastal buildings

0 critical facilities

6 coastal buildings without NNBF benefits

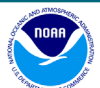
5 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Richmond County

12,970 acres of RPA buffer

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



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