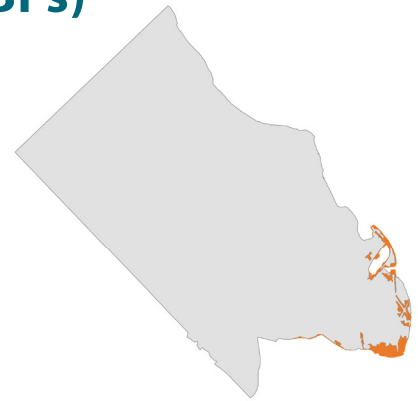


COASTAL RESILIENCE SUMMARY

ARLINGTON 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: Arlington coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Arlington Coastal Areas

30 acres All Coastal NNBFs, including:



14 acres Wooded



8 acres Emergent Wetland



7 acres Forested Wetland



<1 acres Tidal Marsh



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Arlington



<1 acres of NNBFs that decrease flooding risks for buildings



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



7 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 Arlington area (224 acres)

16 coastal buildings

0 critical facilities

16 coastal buildings without NNBF benefits

0 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Arlington County

819 acres of RPA buffer

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



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