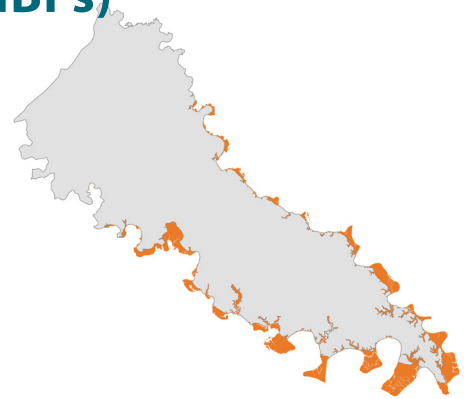


COASTAL RESILIENCE SUMMARY

KING WILLIAM 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: King William coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in King William Coastal Areas

12,849 acres All Coastal NNBFs, including:



5,392 acres Tidal Marsh



3,926 acres Forested Wetland



2,413 acres Wooded



647 acres Emergent Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in King William



1,982 acres of NNBFs that decrease flooding risks for buildings



12,843 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



12,798 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

8% of King William area (14,674 acres)

620 coastal buildings

4 critical facilities

15 coastal buildings without NNBF benefits

0 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of King William County

16,328 acres of RPA buffer

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



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