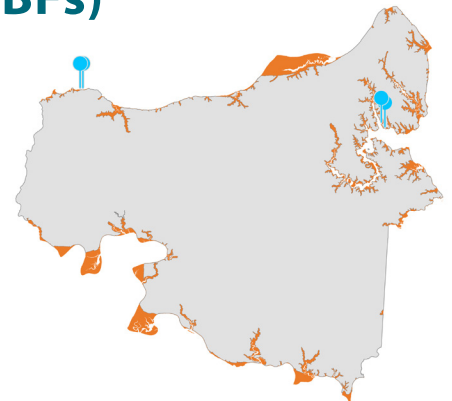


COASTAL RESILIENCE SUMMARY

KING GEORGE 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 George coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in King George Coastal Areas

5,677 acres All Coastal NNBFs, including:



2,093 acres Wooded



1,509 acres Tidal Marsh



1,392 acres Forested Wetland



358 acres Scrub-Shrub Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in King George



1,014 acres of NNBFs that decrease flooding risks for buildings



5,627 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



4,713 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

6% of King George area (6,411 acres)

75 coastal buildings

0 critical facilities

12 coastal buildings without NNBF benefits

4 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of King George County

12,534 acres of RPA buffer

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



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