

COASTAL RESILIENCE SUMMARY

KING AND QUEEN 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 and Queen coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in King and Queen Coastal Areas

9,098 acres All Coastal NNBFs, including:



3,962 acres Tidal Marsh



3,219 acres Wooded



1,637 acres Forested Wetland



192 acres Scrub-Shrub Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in King and Queen



3,332 acres of NNBFs that decrease flooding risks for buildings



9,095 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



10,587 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

5% of King and Queen area (10,869 acres)

254 coastal buildings

0 critical facilities

11 coastal buildings without NNBF benefits

0 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of King and Queen County

16,366 acres of RPA buffer

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



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