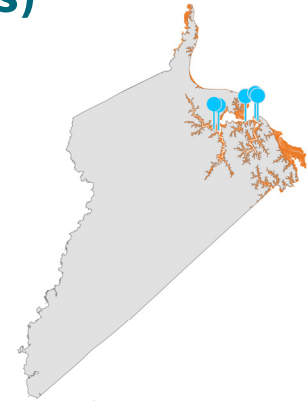


COASTAL RESILIENCE SUMMARY

ISLE OF WIGHT 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: Isle of Wight coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Isle of Wight Coastal Areas

7,627 acres All Coastal NNBFs, including:



5,196 acres Tidal Marsh



1,708 acres Wooded



552 acres Forested Wetland



74 acres Beach



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Isle of Wight



1,239 acres of NNBFs that decrease flooding risks for buildings



7,553 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



8,827 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

4% of Isle of Wight area (8,396 acres)

161 coastal buildings

0 critical facilities

10 coastal buildings without NNBF benefits

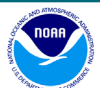
6 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Isle of Wight County

11,907 acres of RPA buffer

1,180 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF



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