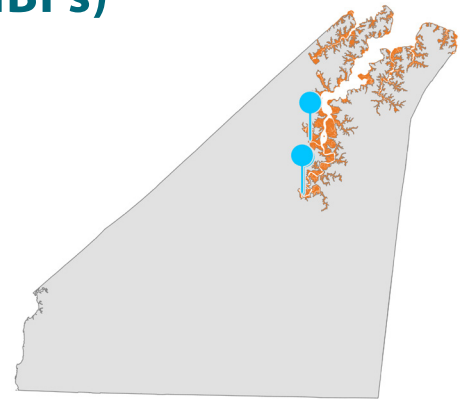


COASTAL RESILIENCE SUMMARY

CITY OF SUFFOLK, 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: Suffolk coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Suffolk Coastal Areas

6,787 acres All Coastal NNBFs, including:



5,069 acres Tidal Marsh



1,400 acres Wooded



267 acres Forested Wetland



29 acres Scrub-Shrub Wetland



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Suffolk



1,980 acres of NNBFs that decrease flooding risks for buildings



6,783 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



10,511 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

3% of Suffolk area (8,103 acres)

275 coastal buildings

0 critical facilities

14 coastal buildings without NNBF benefits

3 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of City of Suffolk

9,751 acres of RPA buffer

1,762 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF



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