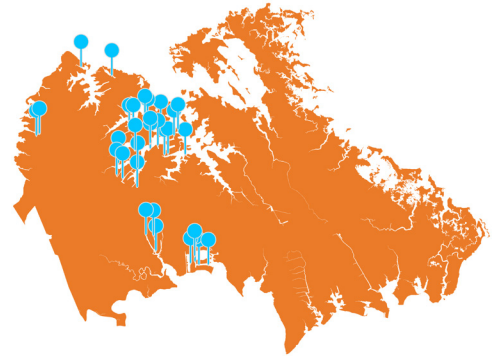


COASTAL RESILIENCE SUMMARY

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

NNBFs in Poquoson Coastal Areas

6,579 acres All Coastal NNBFs, including:



4,645 acres Tidal Marsh



1,251 acres Wooded



578 acres Forested Wetland



74 acres Beach



<1 miles Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Poquoson



4,892 acres of NNBFs that decrease flooding risks for buildings



6,505 acres of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus



2,888 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

100% of Poquoson area (9,541 acres)

4,603 coastal buildings

6 critical facilities

76 coastal buildings without NNBF benefits

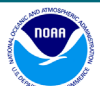
31 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of City of Poquoson

992 acres of RPA buffer

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



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