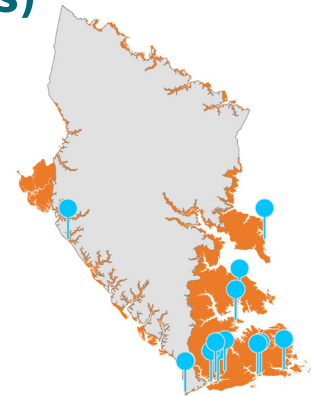# COASTAL RESILIENCE SUMMARY
GLOUCESTER COUNTY, VIRGINIA

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 **N**atural and **N**ature-**B**ased **F**eatures (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: Gloucester coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Gloucester Coastal Areas

26,029 acres   **All Coastal NNBFs**, including:

	11,064 acres	Wooded
	6,918 acres	Forested Wetland
	6,627 acres	Tidal Marsh
	925 acres	Scrub-Shrub Wetland
	<1 miles	Hybrid Living Shorelines

Visit www.AdaptVA.org to view all coastal NNBFs

Benefits of NNBFs in Gloucester

	18,076 acres	of NNBFs that decrease flooding risks for buildings
	25,964 acres	of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus
CRS	**13,829 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

24% of Gloucester area (33,918 acres)

3,547 coastal buildings

2 critical facilities

18 coastal buildings without NNBF benefits

13 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Gloucester County

15,485 acres of RPA buffer

1,283 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF

Center for Coastal Resources Management — Virginia Institute of Marine Science

VIMS | WILLIAM & MARY — VIRGINIA INSTITUTE OF MARINE SCIENCE

WILLIAM & MARY LAW SCHOOL — VIRGINIA COASTAL POLICY CENTER

WETLANDS WATCH

Albemarle-Pamlico National Estuary Partnership

NOAA — U.S. DEPARTMENT OF COMMERCE

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