COASTAL RESILIENCE SUMMARY
FAIRFAX 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: Fairfax coastal areas less than 10-ft elevation, with targets for new NNBFs

NNBFs in Fairfax Coastal Areas

1,984 acres   **All Coastal NNBFs**, including:

	613 acres	Tidal Marsh
	590 acres	Wooded
	503 acres	Forested Wetland
	132 acres	Scrub-Shrub Wetland
	<1 miles	Hybrid Living Shorelines

*Visit **www.AdaptVA.org** to view all coastal NNBFs*

Benefits of NNBFs in Fairfax

	159 acres	of NNBFs that decrease flooding risks for buildings
	1,971 acres	of NNBFs that improve water quality by reducing sediment, nitrogen, and phosphorus
CRS	**3,863 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

1% of Fairfax area (2,648 acres)

422 coastal buildings

0 critical facilities

19 coastal buildings without NNBF benefits

4 targets for new NNBFs

Chesapeake Bay RPA 100-ft Buffer Overview

across all of Fairfax County

31,847 acres of RPA buffer

5,278 acres of RPA buffer currently turfgrass potentially eligible for water quality credits if converted into NNBF

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