

MAIN CATEGORY**Sub-category**

GIS data layers

PROTECTION / RESTORATION**Restoration Opportunities**

Target Areas: Create/Restore shoreline NNBFs to benefit coastal buildings

Living Shorelines: Suitable Areas for Marsh Ranked for Co-Benefits

Protected Lands Suitable for Living Shoreline

Opportunity for Wetlands Migration: Existing Turf Grass in Potential 2050 Wetland Areas

Lands for Protection

Coastal NNBFs Ranked: Benefits to Coastal Buildings

Conservation Lands/Easements

INFRASTRUCTURE**General Infrastructure**

Various building types

Virginia Parcels

Road Centerlines

Infrastructure at < 10 feet land elevation

Critical Facilities

Coastal Buildings

SHORELINE MANAGEMENT

Shoreline Management Model

Existing Structures

Public/Private Access (Docks/Piers/Boathouses)

Defended Shoreline

Marina

Chesapeake Bay Preservation Act**Resource Protection Area (RPA) 100-foot Buffer**

Pervious SFHA Area in 100-ft Buffer

Pervious Area in RPA 100-ft Buffer

100-ft RPA Buffer

Potential 2050 Upland Interface Shoreline: NOAA 2017 intermediate high curve

Potential 2050 Wetlands: NOAA 2017 intermediate high curve

Sea Level 5-year Intervals

DEQ Sea Level Rise 2050-2054

DEQ Sea Level Rise 2055-2059

DEQ Sea Level Rise 2060-2064

DEQ Sea Level Rise 2065-2069

AdaptVA Interactive Map
GIS Layer List Quick Guide

NATURAL RESOURCES

Tidal Marsh

Natural and Nature-Based Features < 10 ft land elevation

Existing living shoreline projects (all types) 2018

Beach Nourishment

Hybrid: Breakwater

Hybrid: Marsh Sill

Hybrid: Oyster Sill

Marsh Plantings

Dunes

Beaches

Tidal Marshes

Wetlands <10 feet land elevation

Scrub-shrub wetlands

Forested wetlands

Emergent wetlands

Upland Wooded Areas

Upland Scrub-Shrub

Shoreline Conditions

Shoreline Bank Height

Shoreline Bank Cover

Riparian Land Use/Land Cover

Tree Fringe

Phragmites australis

Shoreline

Upland Interface Shoreline

Water Interface Shoreline

Nontidal NWI Wetlands (all Virginia)

Submerged Aquatic Vegetation (SAV)

SAV most recent

SAV Habitat

SAV Habitat (5 years)

SAV Habitat (10 years)

Hydrology

Hydrologic Units (12-digit)

National Hydrography Dataset (NHD)

Contours



AdaptVA Interactive Map
GIS Layer List Quick Guide

SEA LEVEL RISE / FLOODING / STORM SURGE

Sea Level Rise (mean high water)

- Sea Level Rise Low Scenario
- Sea Level Rise Intermediate Scenario
- Sea Level Rise Intermediate-High Scenario
- Sea Level Rise Extreme Scenario

Flooding

- Limit of Moderate Wave Action (LiMWA)
- Flood Hazard Zones (FHZ)
- Coastal Barrier Resource System

Storm Surge

- Category 4 – Flood Height
- Category 3 – Flood Height
- Category 2 – Flood Height
- Category 1 – Flood Height

VULNERABILITY / RISK

Tidal Marsh Vulnerability Assessment

- Vulnerability Classification 2050
- Vulnerability Classification 2100

Social Vulnerability

- Social Vulnerability Classification
- Social Vulnerability Index Score
- Vulnerable Housing Classification
- Hazardous/Toxic Index Score
- Social Vulnerability by Block Group
- Physical Risk