

Eastern Shore Hazard Mitigation Plan 2021

Table 2: Eastern Shore of Virginia Hazard Prioritization

Hazard	2006	2011	2016	2021
High Wind	High	High	High	High
Coastal Erosion	High	High	High	High
Coastal Flooding	High	High	High	High
Storm Water	High	High	High	High
Pandemic	-	-	-	High*
Well Contamination (Water Quality)	Medium	Unranked	Medium	Medium
Ice-Snow	Medium	Medium	Medium	Unranked
Biological Hazards (Infectious Disease)	Medium	Unranked	Medium	Medium
Drought	Medium	Medium	Medium	Unranked
Sewage Spills	Medium	Medium	Medium	Unranked
Storm Surge	-	-	-	Medium*
Non-Coastal Flooding	-	-	-	Medium*
Road and Highway	-	-	-	Medium*
Wildland	Low	Medium	Low	Unranked
Hazardous Materials Incidents	Low	Low	Low	Unranked
Heat Wave	Low	Low	Low	Unranked
Fish Kills	Low	Unranked	Low	Unranked
Invasive Environmental Disease	Low	Unranked	Low	Unranked
Earthquake	Low	Unranked	Low	Unranked
Substance Use and Overdose	-	-	-	Low*
Communications Failure	-	-	-	Low*
Active Threat	-	-	-	Low*
Electrical Energy Failure	-	-	-	Low*
Tornado	-	-	-	Low*

*New Priority Identified in the 2021 Plan

With the hazards identified, the group began the risk analysis for the five priority hazards: coastal flooding, wind, coastal erosion, storm water flooding and pandemic. The first step was to thoroughly document their histories, to understand the causes, and to look at the human systems that have been put in place to attempt to mitigate their effects. This work can be found in Chapter 4: High Wind; Chapter 5: Coastal Erosion; Chapter 6: Coastal Flooding; Chapter 7: Storm Water; and Chapter 8 Pandemic

The extent and vulnerability of each of the four high priority environmental hazards, are documented in each of the locality chapters, beginning with Chapter 9: Eastern Shore Region. Structures insured by the National Flood Insurance Program (NFIP) that have been repetitively damaged by floods are addressed in the appropriate local chapters.