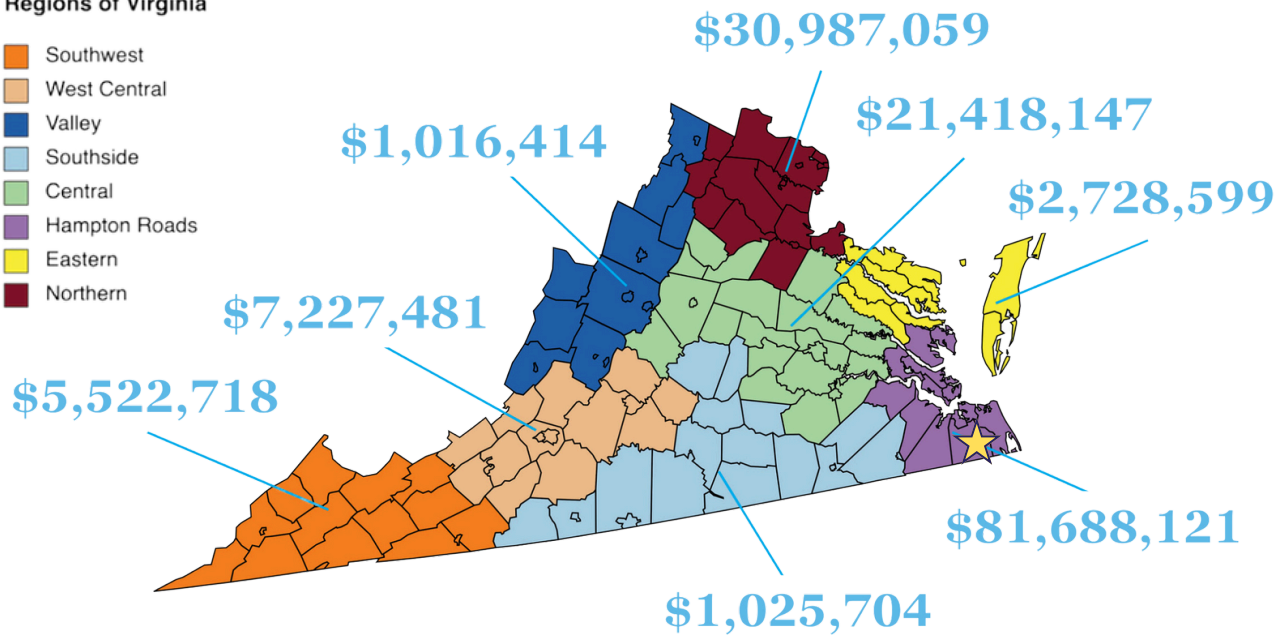


RGGI GRANTS

COMMUNITY FLOOD PREPAREDNESS FUND

Regions of Virginia

- Southwest
- West Central
- Valley
- Southside
- Central
- Hampton Roads
- Eastern
- Northern



Rounds 1-4 (10/05/2021 - 03/20/2024)

Virginia's participation in the Regional Greenhouse Gas Initiative (RGGI) from 2021-2023 generated \$827.7 million in revenue while also reducing power plant carbon pollution in the state by 22%. Half of RGGI proceeds from quarterly auctions funded low-income energy efficiency programs and 45% funded the Community Flood Preparedness Fund (CFPF). Without RGGI, there is no mechanism to maintain long-term revenue for the CFPF.

The CFPF provides grants and loans for projects, studies, and planning throughout the Commonwealth to identify and address flood vulnerability for communities. CFPF funds can build capacity in localities that need additional resources to develop comprehensive flood vulnerability assessments and action-oriented flood mitigation approaches.

CITY OF CHESAPEAKE

The City of Chesapeake, Virginia's second-most populous city, is located within the 9,600 acre Elizabeth River watershed a, major tributary of the Chesapeake Bay. With extensive wetlands as well as several lakes and rivers within City limits, most of Chesapeake is susceptible to flooding.



\$ 1,345,358
Cumulative CFPF Awards



QUESTIONS?
Reach out to:
cfpf@vcnva.org



VIRGINIA CONSERVATION NETWORK
701 E FRANKLIN STREET, SUITE #800 | RICHMOND, VA 23219
804-644-0283 | VCN@VCNVA.ORG | WWW.VCNVA.ORG

1 RESILIENCE PLAN

Chesapeake is in need of a city-wide flood resilience plan, but does not have the in-house financial or personnel capacity necessary for its development. A \$74,997 CFPF award will enable the municipality to hire an engineering firm to conduct and complete the plan.

2 GOOSE CREEK WATERSHED/FLOODPLAIN STUDY

The Goose Creek Watershed is the uppermost watershed of the Western Branch of the Elizabeth River with a drainage area of 11 square miles. With this CFPF award, the City will develop a hydrologic and hydraulic model of the watershed that depicts current and future conditions. The model will help the City identify and quantify areas at risk of flooding, the severity of that flooding, and nature-based and other flood risk reduction infrastructure projects that will help reduce and mitigate flood risk.

3 SOUTHERN CHESAPEAKE WATERSHED STUDY

Chesapeake is in the process of studying all major watersheds within the locality to assess flood risk and develop prevention and mitigation strategies. The City's Southern Chesapeake watershed includes a portion of the Northwest River, a major drinking water source for the city. Flooding of this region in April of 2021 prompted the need for an accelerated evaluation of the rural region, which will be completed with a \$91,404 CFPF grant.

4 STRUCTURED FLOODWALLS, STORMWATER SYSTEM UPGRADES

The City will use this CFPF funding to lessen stormwater flood risk via infrastructure upgrades to increase water storage capacity at Lower Indian River High School and South Military Highway. Additionally, these projects will have a positive impact on the business district, directly lessening the flood risk and associated hazards to the area.

5 BATTLEFIELD BOULEVARD ROAD ELEVATION

To enable safe access to medical facilities and reduce flood-related disruptions to emergency response, the City of Chesapeake will utilize this CFPF award to elevate 1,800 feet of an important arterial roadway, N. Battlefield Boulevard, from four to seven feet above sea level. The boulevard lies within the FEMA 100-year floodplain, and its elevation will benefit thousands of residents and emergency services that are impacted by flooded road closures on this route.

