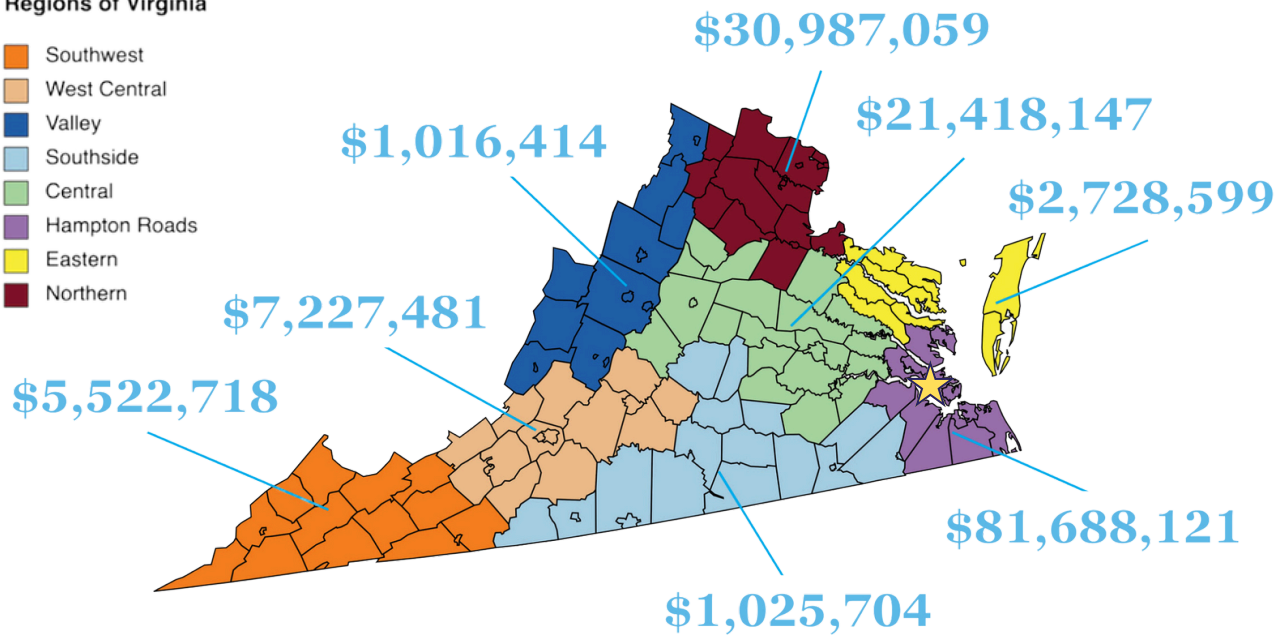


# RGGI GRANTS

## COMMUNITY FLOOD PREPAREDNESS FUND

### Regions of Virginia

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



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 NEWPORT NEWS

Located in Hampton Roads along the north shore of the James River, Newport News has approximately 70 square miles of land, 2,883 acres of tidal wetlands, and 244 linear miles of tidal shoreline along 14 major creeks, rivers, and associated tributaries. Nearly a quarter of the city's population have a high or very high social vulnerability score. The city's coastal, relatively flat topography puts it at increased risk of localized flooding due to more frequent and intense storms.



**\$ 9,720,363**  
Cumulative CFPF Awards



**QUESTIONS?**  
Reach out to:  
[cfpf@vcnva.org](mailto:cfpf@vcnva.org)



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## **1 MASTER PLAN DEVELOPMENT**

Aging stormwater infrastructure presents financial and logistical challenges for Newport News. Long-term improvements to infrastructure are necessary to address interconnected stormwater, floodplain, shoreline, and sea-level rise concerns. The city will use its CFPF award to develop three interdependent, complementary master plans covering stormwater management, floodplain management, and climate change and resilience. These plans will guide and optimize their efforts to reduce the increasing levels of flood damage in the municipality in a coordinated, cost-effective manner over the next 20 years.

## **2 STONEY RUN FLOOD REDUCTION STUDY**

The Stoney Run watershed in the City of Newport News experiences significant repetitive rainfall flood events causing damage to structure, parcels, and public infrastructure. The watershed encompasses many critical facilities and areas of very high social vulnerability, and the City recognizes that many residents cannot afford flood insurance. A recent engineer's estimate for improvements in the frequency and magnitude of flooding in the Stoney Run watershed exceed \$46 million; the City intends to use this CFPF study award to survey, model, permit, test, and design eight flood reduction projects identified in the estimate, including basin restoration, outfall capacity improvements, and culvert studies. The consulting engineer will prepare and submit a Conditional Letter of Map Revision detailing all eight flood reduction projects to FEMA.

## **3 NEWMARKET CREEK WATERSHED STUDY**

Newmarket Creek runs through both the City of Newport News and the City of Hampton, however Hampton's 2016 Flood Insurance Rate Maps (FIRMs) establish significantly higher base flood elevations than those of neighboring Newport News FIRMs from 2014. Newport News recognizes that this discrepancy impacts the City's ability to address undersized drainage infrastructure and plan for future impacts of sea level rise in lower portions of the watershed. With this CFPF study award, the City will model existing conditions of stormwater drainage and flood conditions in the Newmarket Creek watershed, will submit a Letter of Map Revision (LOMR) to FEMA to update its FIRMs more accurately to present flood risk, and will identify potential capacity improvements to improve drainage and flooding.

