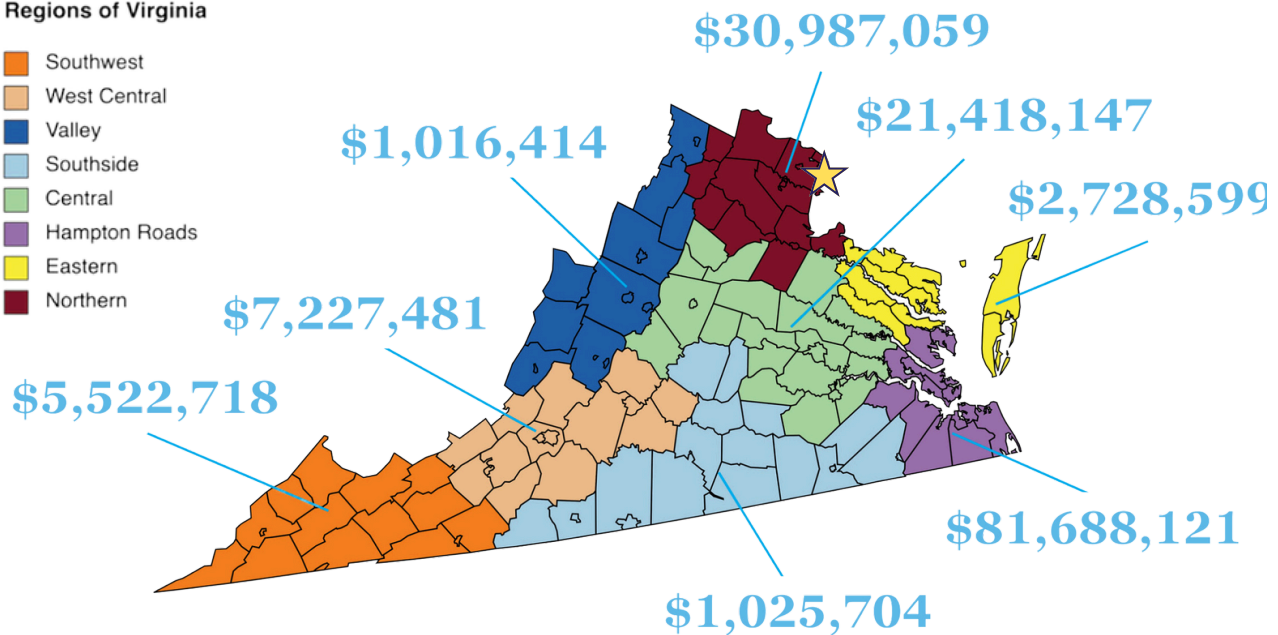


RGGI GRANTS

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 ALEXANDRIA

The City of Alexandria is experiencing more frequent and severe flood events that damage residential and commercial properties, impact critical assets, and cause day-to-day disruptions and economic losses. Extreme precipitation events have occurred more frequently in the last few years. Due to the density of development along the city's waterbodies and aging infrastructure, the City's storm sewer system is not able to convey the volume of flooding experienced in these types of extreme events and flood mitigation is needed.



\$ 6,411,900
Cumulative CFPF Awards



QUESTIONS?
Reach out to:
cfpf@vcnva.org



VIRGINIA CONSERVATION NETWORK
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1 WATERFRONT IMPROVEMENT PROJECT DESIGN

Alexandria's bustling waterfront experiences an average of one flood event per month, causing significant damage to city infrastructure, businesses, and homeowners along the Potomac River. This grant will support the City in implementing the design and engineering phase of its larger Waterfront Implementation Project, targeting the most vulnerable drainage basins slated for improvement.

2 ARLANDRIA FLOOD MITIGATION PROJECT

Alexandria's low-income Arlandria neighborhood experiences frequent flash flooding as a result of a storm sewer system ill-equipped to handle increasingly intense rain events. This grant will enable the City to implement the first phase of a stormwater capacity improvement project along Edison Street and Dale Street, supporting the existing storm drain network with upsized pipes, new surface water channels, and measures to prevent stormwater backflow.

3 RESILIENT STORMWATER CAPACITY AND GREEN STREETS PROJECT

Properties along two intersections in Alexandria's Four Mile Run watershed experience repetitive flooding as a result of the city's overwhelmed storm sewer systems. This holistic project will create new flood mitigation infrastructure that protects homeowners and businesses while using nature-based solutions that enhance the urban environment.

4 INLET CAPACITY AND NEW INLET PROGRAM

The City launched its Flood Action Alexandria Initiative in 2021 and will use this award to build upon the program by identifying undersized inlets and locations for new inlets to improve the efficiency of the City's stormwater system. This analysis will start in the Hooff's Run and Four Mile Run watersheds but will be replicable across the remaining six watersheds.

5 MOUNT VERNON AVE CULVERT REPLACEMENT AND OPTIMIZATION

This project will replace existing undersized and deteriorating stormwater pipe leading from Mount Vernon Avenue to east of Edison Street and replace and upsize four inlets on Edison Street. When completed, this project will eliminate the surcharging occurring in the area and have a positive impact on the health and safety of the surrounding community.



6

CITY OF ALEXANDRIA FLOOD RESILIENCE PLAN

To complement the efforts and compile information from studies already underway, Alexandria is utilizing this CFPF award to create a comprehensive flood resilience plan that builds upon its 2021 compiled plan to address current and future climate-driven flooding.

