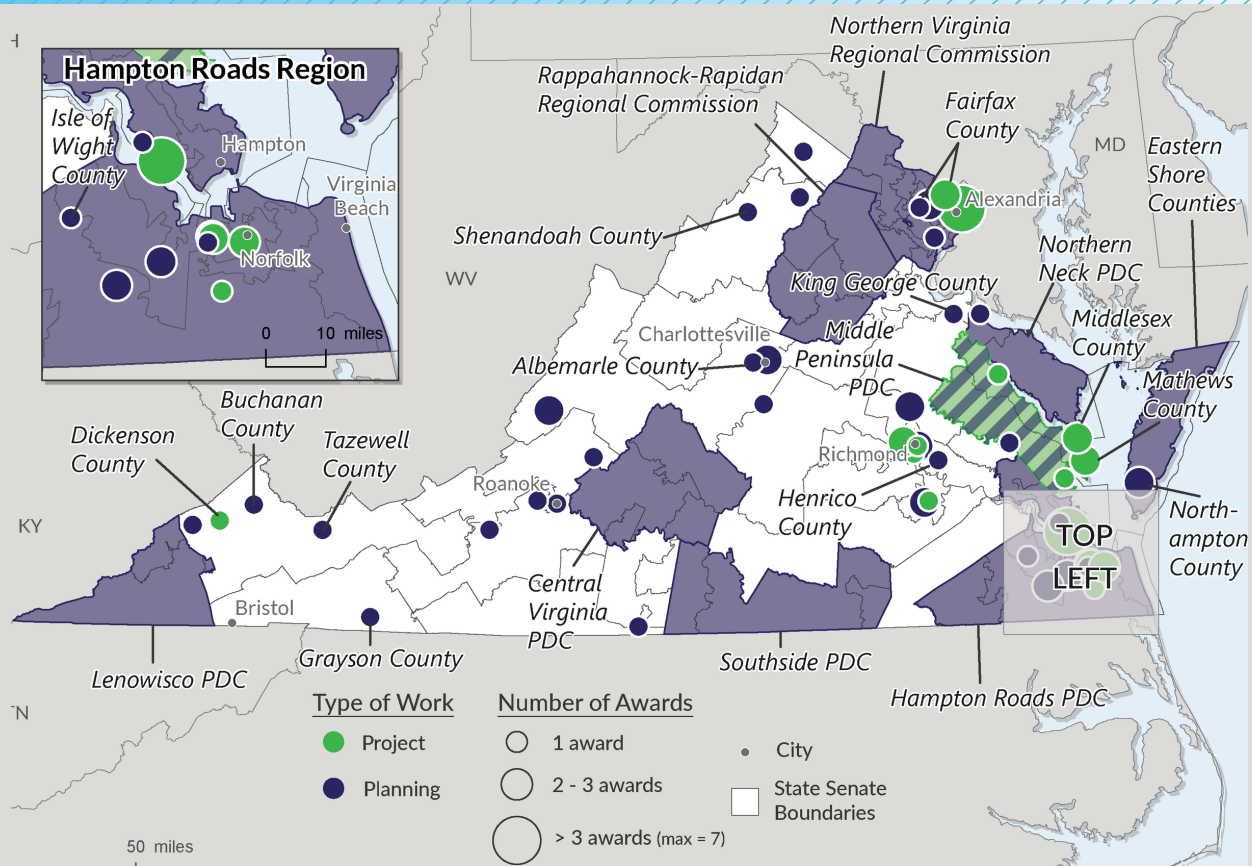


RGGI GRANTS

COMMUNITY FLOOD PREPAREDNESS FUND



Virginia passed the Clean Energy and Community Flood Preparedness Act of 2020, allowing the Commonwealth to join the Regional Greenhouse Gas Initiative (RGGI) and establishing the Community Flood Preparedness Fund (CFPF). RGGI is a market-based program of 11 states that generates funds while reducing electricity sector emissions. Half of its proceeds fund low-income energy efficiency programs and 45% fund the CFPF.

The CFPF provides loans and grants 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.

FAIRFAX COUNTY

With over 1 million residents, Fairfax County is home to more than one tenth of Virginia's population. The County includes 30 watersheds which flow into the Chesapeake Bay watershed. These watersheds require regulation and comprehensive mapping in addition to more localized projects to address specific concerns.



\$ 15,679,200



POINT OF CONTACT

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1 27 FAIRFAX COUNTY WATERSHED STUDIES

This award will enable the county to create standardized and comprehensive mapping of 757 stream miles spread across 27 watersheds in the area. The completion of this study will enable the consolidation of floodplain data and regulatory standards, allowing the County to manage and mitigate flood hazards most effectively.

2 CHOWAN AVENUE STORMWATER IMPROVEMENT PROJECT

This CFPF award will be used to address flooding in the Chowan Avenue Neighborhood. Flooding occurs frequently in the area due to storm events, impacting street access and safety in the surrounding area. The project will implement an improved conveyance system in addition to the utilization of natural channel design to stabilize the stream.

3 FAIRFAX COUNTY PUMMIT RUN WATERSHED- TUCKER AVENUE NEIGHBORHOOD STORMWATER IMPROVEMENT

Fairfax will use the award to address flooding and watershed drainage issues in the Tucker Avenue Neighborhood. This area lacks adequate stormwater infrastructure, and increasing development has exacerbated issues with flooding on roads and residential lots. The neighborhood-wide project will implement a conveyance system, addressing storm related hazards and improving stream quality and protection.

4 TRIPPS RUN AT BARRETT ROAD FLOOD MITIGATION

Neighborhoods surrounding Tripps Run, a creek bordering Barrett Road in Fairfax County, are included in one of the 21 repetitive loss areas that have experienced repeated flooding. The County will use this award to further refine and calibrate hydrologic and hydraulic models of the area.



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WHY IT MATTERS

Many areas of Fairfax County suffer from repetitive flooding. Due to ongoing development in the area along with increased flood risks associated with climate change, the area will greatly benefit from actively addressing flood hazards.