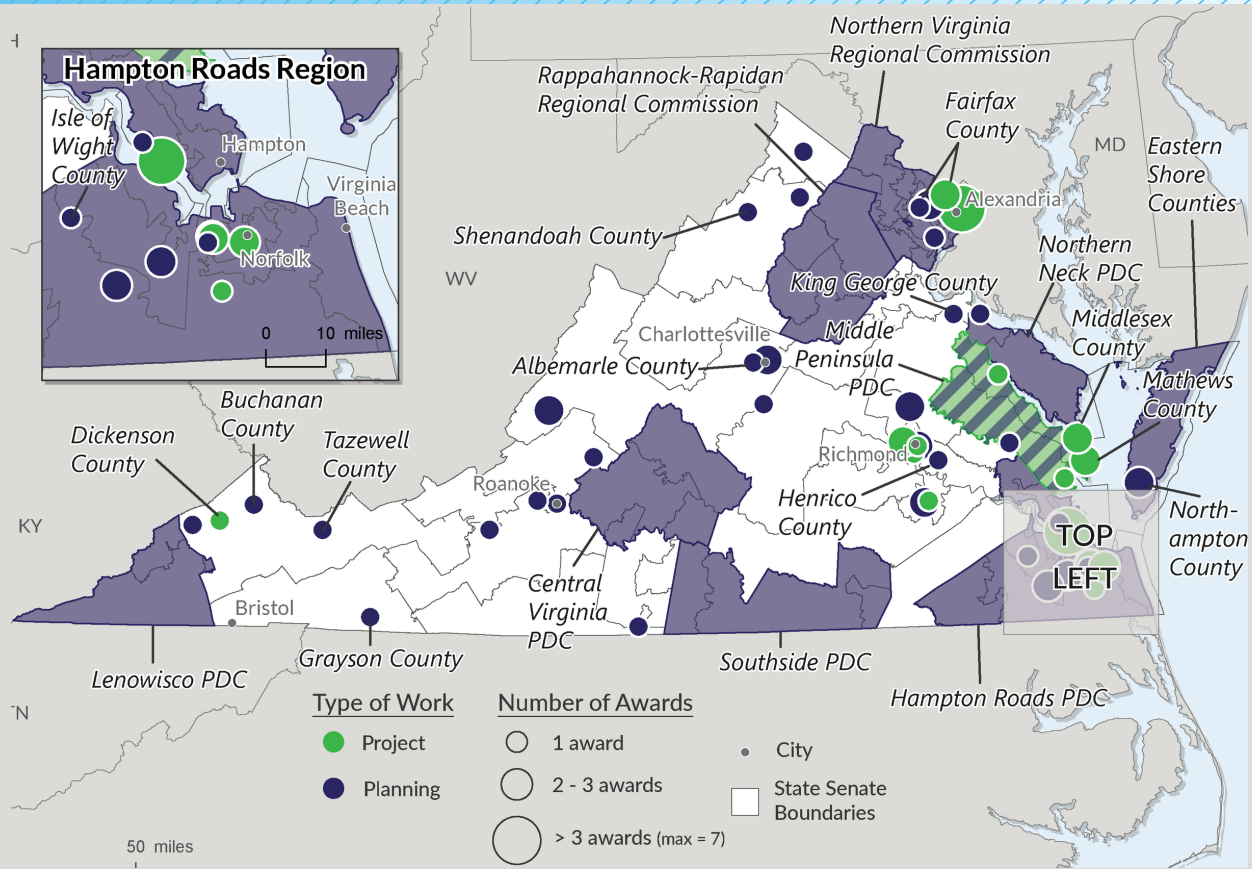


# RGGI GRANTS

## 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.

## CITY OF CHARLOTTESVILLE

The City of Charlottesville, Virginia's corporate limits of 10.2 square miles and population of just under 46,786 people are located within the 750 square mile Rivanna River watershed, one of the largest watersheds in Virginia and a major tributary to the Chesapeake Bay.



**\$ 522,776**



### POINT OF CONTACT

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## **1 RESILIENCE PLAN AND STAFF TRAINING**

This funding will help Charlottesville develop a city-wide Resilience Plan for improving flood protection and prevention using a “whole community” approach. The process will incorporate robust public outreach and stakeholder engagement, and the plan will include an implementation strategy to connect mitigation strategies and infrastructure projects to funding sources.

## **2 MOORES CREEK WATERSHED**

With this grant, Charlottesville will be able to update an stormwater model created in 2008 to analyze both current and future flood vulnerability within the Moores Creek watershed. The watershed is highly urbanized, makes up nearly 40% of the city’s acreage, and includes over 65% of the city’s high social vulnerability population. The results will be used to help identify and prioritize effective and climate-resilience stormwater management projects as well as assess nature-based solutions and best management practices. This study will also aid in educating community members about flood mitigation and is the first phase of an expected larger analysis.

## **3 MEADOW CREEK AND RIVANNA RIVER WATERSHEDS MODELS**

Meadow Creek and Rivanna River watersheds make up approximately 63% of the City’s geographical area; with this CFPF award, the City will have a series of updated stormwater management models covering the entirety of the City’s jurisdictional limits. Each watershed will be evaluated in separate models to identify areas of vulnerability – including roads, residences, and critical facilities – to prioritize flood risk reduction and resilience projects.



## **Charles P. Boyles II, Charlottesville City Manager:**

“We look forward to the Virginia Department of Conservation and Recreation’s support in building our local flood resilience plan and in furthering our climate resilience efforts to serve and protect our community in a strategic, equitable, and proactive manner.”