

RESOLUTION

Resolution No. 22-11

PATRON: Robert W. Lazaro, Jr.
Executive Director

DATE: October 28, 2021

AUTHORIZATION TO SUBMIT A FLOOD EDUCATION AND PREVENTION GRANT PROPOSAL TO THE VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION

WHEREAS, floods are one of the most common natural hazards in our region and can result in significant damage; and

WHEREAS, floods can be local, impacting a neighborhood or community, or very large, affecting entire river basins; and

WHEREAS, the 2016 Northern Virginia Hazard Mitigation Plan update determined that most of the Northern Virginia jurisdictions have a 'Highly Likely' probability of continued flood risk due to 'High' vulnerability to flood hazard; and

WHEREAS, an increasing number of localized heavy downpour events can quickly overwhelm the stormwater conveyance system resulting in rapid rises in creeks and streams and ponding in poor drainage areas that are outside of a mapped flood zone; and

WHEREAS, to monitor the trends, distribution and variability of the intense localized downpours and provide early flood warnings, Fairfax, Prince William and Arlington Counties as well as the City of Alexandria individually own and operate a network of precipitation gauges; and

WHEREAS, the gauges utilize a technology that allows for real time transmission of precipitation data via a radio network to a receiver and software program where it is collected and displayed; and

WHEREAS, most of the gauges already in place in Northern Virginia are using the same technology; and

WHEREAS, configuring the software platform so that the data can be aggregated and displayed in a single dashboard for the entire region will allow for improved spatio-temporal analysis of intense rainfall events and urban flood warnings; and

WHEREAS, the Virginia Department of Conservation And Recreation has grant funding available for improving flood protection and prevention capabilities; and

THEREFORE BE IT RESOLVED, that the Northern Virginia Regional Commission authorizes the Executive Director to apply for a grant not to exceed \$95,000 from the Department of Conservation And Recreation in support of furthering a regional rainfall and flood information system;

BE IT FURTHER RESOLVED that the Northern Virginia Regional Commission authorizes the Executive Director to enter into a contract with the Virginia Department of Conservation And Recreation, should the proposal be accepted for funding.

CERTIFICATION

The undersigned certifies that the foregoing is a true and correct copy of a resolution adopted at a legally convened meeting of the Northern Virginia Regional Commission on October 28, 2021.


ROBERT W. LAZARO, JR., CERTIFYING OFFICER

