

Northern Virginia Coastal Storm Risk Management Study

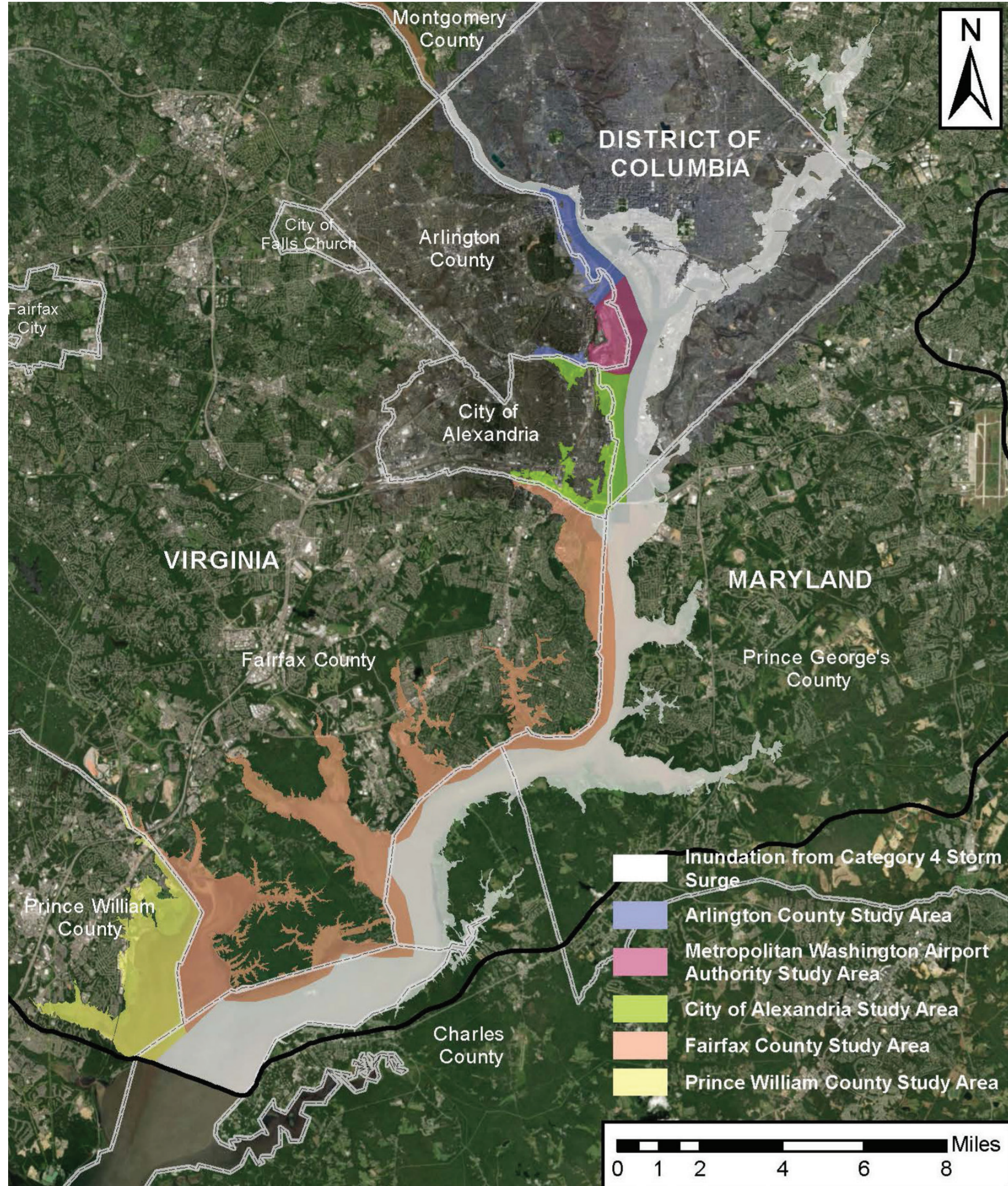
U.S. Army Corps of Engineers

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Metropolitan Washington Council of Governments



Study Partners

Alongside the Army Corps and COG, the non-federal sponsor, the following agencies are participating to meet the objectives of the study.



NOVA Study Area

City of Alexandria; Arlington, Fairfax and northern Prince William counties; & Ronald Reagan Washington National Airport

Flooding Concerns

- Coastal flooding can endanger lives; prevent access to evacuation routes and critical infrastructure; and cause property and economic damages.
- Critical infrastructure within flood inundation zones includes roads, highways (Capital Beltway, George Washington Memorial Parkway), and bridges; Metrorail and stations; passenger and freight railroad services; wastewater treatment plants; water supply systems; stormwater systems; the Reagan National Airport; and national security infrastructure.

Study Goals

- Investigate coastal storm flooding problems, needs and potential solutions for key locations in the Northern Virginia study area.
- Reduce coastal flood risk to vulnerable populations, properties, critical infrastructure, services and resources in the study area, considering future climate and sea level change.
- Improve resiliency from coastal storms.
- Develop coastal storm risk management options to reduce life safety risks, economic damages and other disruptions from flooding.
- Conduct an effective and efficient study, working closely with interagency experts and incorporating information from existing data and projects.
- Be transparent with stakeholders throughout the study process.