

Coastal Virginia Regional Priorities

JOINT SUBCOMMITTEE ON COASTAL FLOODING

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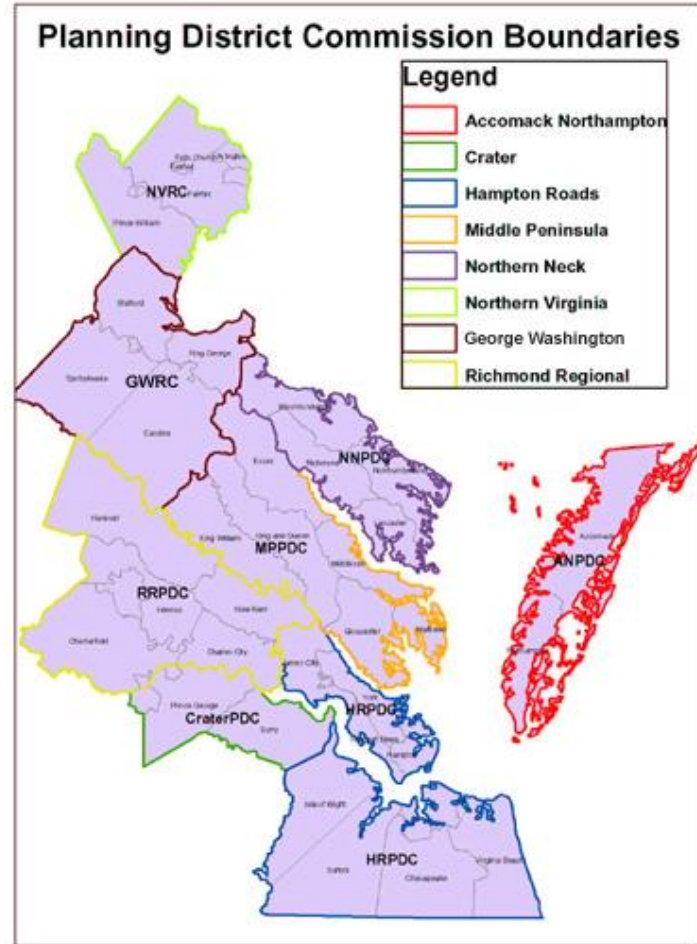
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PDCs and Resiliency

Virginia's Coastal Planning District Commissions have played a key role in resiliency planning in coastal Virginia

- ANPDC
- HRPDC
- MPPDC
- NVRC



Virginia Coastal Zone Management Program

Hampton Roads Regional Priorities

Commonwealth Chief Resiliency Officer

Stand-alone Virginia Chief Resiliency Officer

- Creating a stand-alone position would allow the CRO to focus exclusively on coordinating local, state, and federal resiliency efforts.

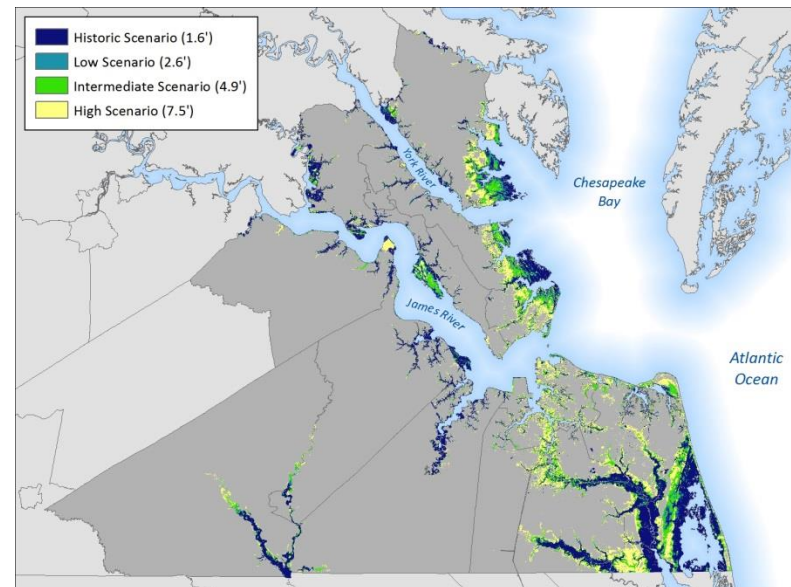


Improve Vulnerability Assessments

Federal funding from the U.S. Army Corps of Engineers and Federal Emergency Management Agency requires local projects to meet cost-benefit requirements.

Local decision-making on flood mitigation projects relies on local assessment to identify the most cost-effective solutions.

Better data on flooding and vulnerability will improve competitiveness and help localities and the state make more informed decisions on where to allocate resources.



First Floor Elevation Data

Funding from the state would help develop regional databases of first floor elevations for structures vulnerable to flooding.

Elevation data will allow state agencies and localities to conduct more accurate damage assessments of potential flood events and develop benefit-cost analyses to direct mitigation and resiliency efforts.

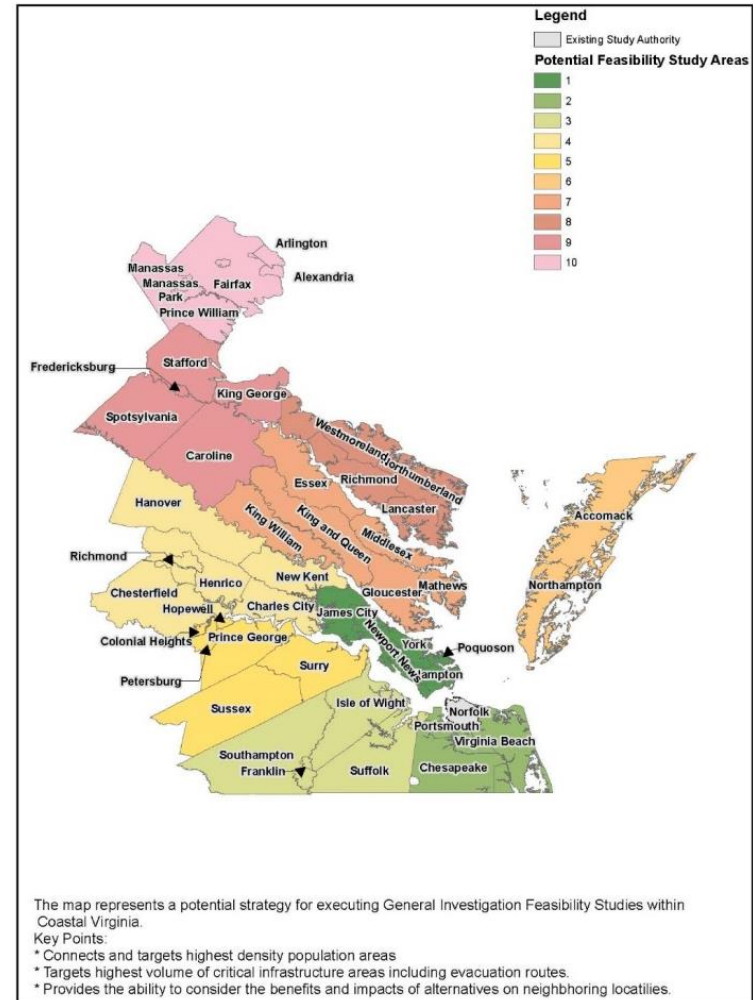


USACE 3x3x3 Studies

Feasibility studies completed by the U.S. Army Corps of Engineers

- 3 year study duration
- \$3 million maximum cost per study (half non-federal)
- 3 Corps command levels

State funding would help localities in coastal Virginia be competitive with other projects nation-wide for limited Corps resources



U.S. Army Corps of Engineers

Virginia Shoreline Resiliency Fund

The Virginia Shoreline Resiliency Fund was created in 2016, but to date has not been appropriated any funding.

Funding would allow local governments to establish low-interest loans for residents and businesses to mitigate flooding.



Stormwater Local Assistance Fund

Increasing state funding to the SLAF would support localities' work to implement best stormwater management practices

- Improve water quality in the Chesapeake Bay
- Improve local water quality
- Mitigate flooding due to stormwater



Middle Peninsula Regional Priorities

Dredging

Non-federal channels are important for local economies and quality of life throughout coastal Virginia

Federal funding for dredging of these channels has disappeared in recent years

State funding and enabling legislation could help generate funding to maintain these channels

- VRA
- Tax increment financing
- Saltwater Recreational Fishing Development Fund
- Public Access Authorities

Dredge Spoil

Dredge spoil is an important resource that can be used to help localities and property owners deal with flooding, sea level rise, and erosion

Current state laws and federal policies make it difficult for to use dredge spoil when it is available

One possible solution is a state permitting program that would allow localities to permit locations in advance

Environmental Regulations

The Chesapeake Bay Preservation Act can be an obstacle for property owners trying to protect their properties from flooding

- Bay Act designed to protect water quality, not deal with flooding and sea level rise
- Increased flooding also reducing values of waterfront properties

An reassessment of the Bay Act could identify ways to make it more consistent with local resiliency goals and to maintain the Commonwealth's natural resources in the face of sea level rise

Eastern Shore Regional Priorities

Working Waterfronts

State adoption of Working Waterfronts Master Plan

- Funded by Virginia Coastal Zone Management Program
- 4 PDCs, state agencies, industry and local stakeholders

Funding for public working waterfronts infrastructure

Dredging

Eastern Shore communities depend on being able to safely navigate the region's tidal waters

- Culture and heritage
- Aquaculture
- Tourism

Dredge materials also help mitigate erosion and flooding

Currently, little state funding for maintaining these channels

Eastern Shore localities have adopted a Joint Resolution recommending creation of a Waterway Management Fund