

# DEQ CZM Coastal Policy Team Update

Virginia Coastal Resilience Master Plan Update

2022 General Assembly Legislation Review

Community Outreach and Engagement Plan

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# 2022 General Assembly Legislation Review

## Passed Bills Related to Coastal Resilience

- HB516 (Bulova) / SB551 (Marsden) - Flood Resiliency and Protection
- HB517 (Bulova) - Chief Resilience Officer
- HB1309 (Bulova) / SB756 (Lewis) - Resilient Virginia Revolving Loan Fund
- HB 354 (Tata) / SB315 (Spruill) - Virginia Military Community Infrastructure Grant Program and Fund

# 2022 General Assembly Legislation Review

HB516 (Bulova) / SB551 (Marsden) - Flood Resiliency and Protection

- Quarterly Coastal Resilience TAC Meetings, 16 Sept 2022
- Community Outreach and Engagement Plan, NLT Dec 2022
- Annual Flood Resilience Meeting, NLT July 2023
- Bi-Annual Status of Flood Resilience Report, NLT July 2023
- Virginia Coastal Resilience Master Plan, NLT Dec 2024
- Virginia Flood Protection Master Plan, NLT Dec 2026

# 2022 General Assembly Legislation Review

## HB517 (Bulova) - Chief Resilience Officer

- Amended § [2.2-215](#) Secretary of Natural and Historic Resources
  - ~~ReThe Secretary shall serve as the Chief Resilience Officer for the purposes of duties required pursuant to § [2.2-222.4](#);~~
  - Added. The Secretary shall be responsible to the Governor for .... *Chief Resilience Officer*
- § [2.2-220.5](#) *Chief Resilience Officer*.
  - *The Governor shall designate a Chief Resilience Officer*
  - The Chief Resilience Officer shall serve as the primary coordinator of resilience and adaptation initiatives in Virginia and as the primary point of contact regarding issues related to resilience, recurrent flooding, all flooding-related pre-disaster hazard mitigation, and adaptation.
  - *Create and oversee the implementation of a Virginia Flood Protection Master Plan and a Virginia Coastal Resilience Master Plan*
- *Repealed* § [2.2-222.4](#) (CRO listed in [Article 8. Secretary of Public Safety and Homeland Security](#))

# 2022 General Assembly Legislation Review

HB1309 (Bulova) / SB756 (Lewis) - Resilient Virginia Revolving Loan Fund

- Article 1.4 Resilient Virginia Revolving Loan Fund
  - Fund will make loans and grants to local governments for resilience projects via Virginia Resources Authority (VRA)
  - Fund has been capitalized with \$25 million from moneys previously allocated to the CFPF
  - DCR will administer and is developing guidelines with VRA
  - Anticipate accepting first round of applications in early CY2023
  - Transparency:
    - Fund guidelines/manuals will be put out for public comment;
    - Review Committee will be established to review applications

# 2022 General Assembly Legislation Review

HB 354 (Tata) / SB315 (Spruill) - Virginia Military Community Infrastructure Grant Program and Fund

- Article 11 of Chapter 2 of Title 2.2 a section numbered [2.2-233.1](#)
  - Establishes the Virginia Military Community Infrastructure Grant Fund (the Fund) to support military communities in the Commonwealth by awarding grants to aid the planning and design, construction, or completion of infrastructure projects that enhance military readiness, installation resiliency, or quality of life for military communities.
  - The bill directs the Secretary of Veterans and Defense Affairs to develop guidance and criteria to be used in awarding grants from the Fund and an annual grant application that sets out certain requirements for a grantee.
  - "Military community" means any locality that can demonstrate that more than five percent of the community's economy is derived from military funding.

# Virginia Coastal Resilience Master Plan (CRMP)

# Coastal Resilience Master Plan

Projected Impacts from 2080 Water Levels Without Action



Population Exposure to Major Floods +600,000 (+160%)



Building Exposure to Extreme Floods +200,000 (+\$5B AAL)



Roadway Exposure to Chronic Flooding +2,000mi (+460%)



Wetland Inundation 170,000ac (89% of existing)



# Coastal Resilience Master Plan

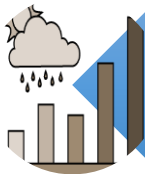
## Framework Goals



Prioritize Projects



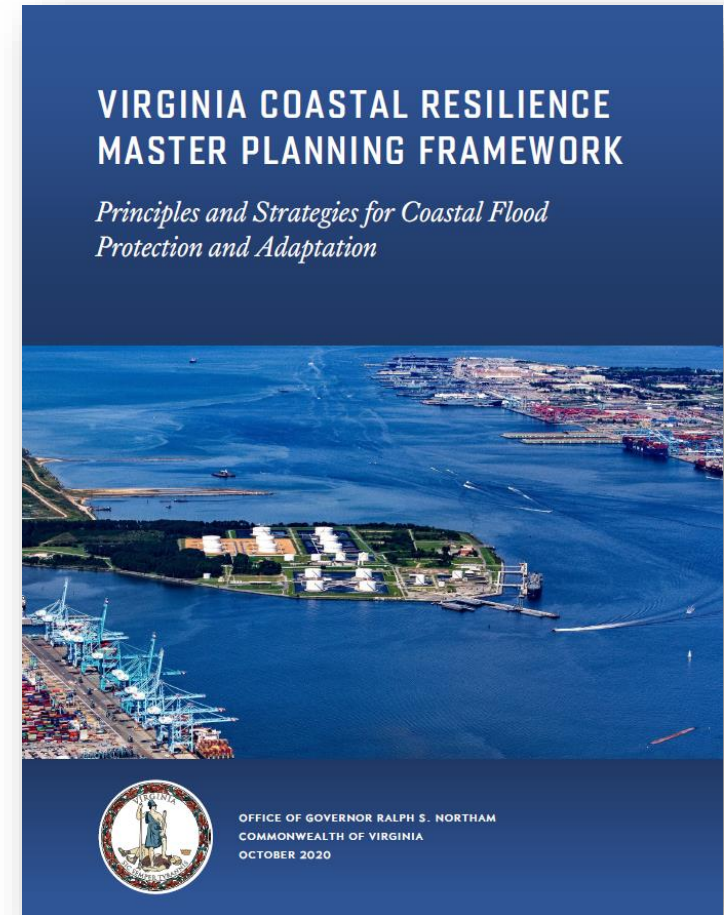
Financing Strategy



Incorporate Climate Change Projections

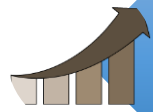


Coordinate Efforts



# Coastal Resilience Master Plan

## Framework Principles



Best Available Science



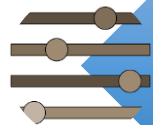
Socioeconomics



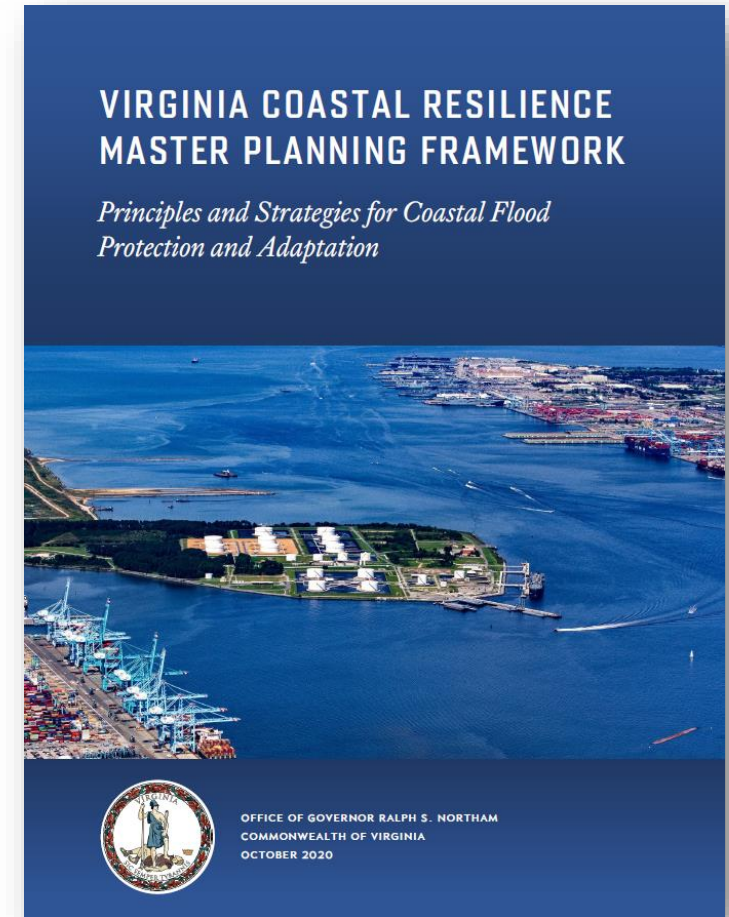
Nature-Based Solutions



Community and Regional Scale

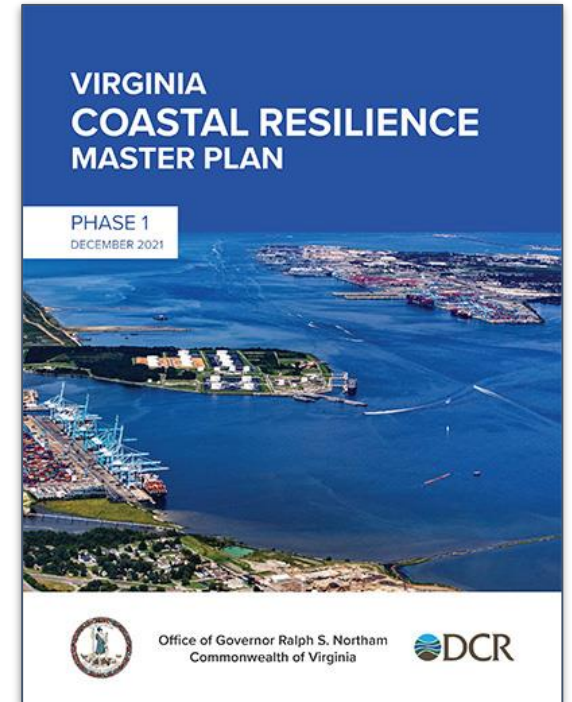
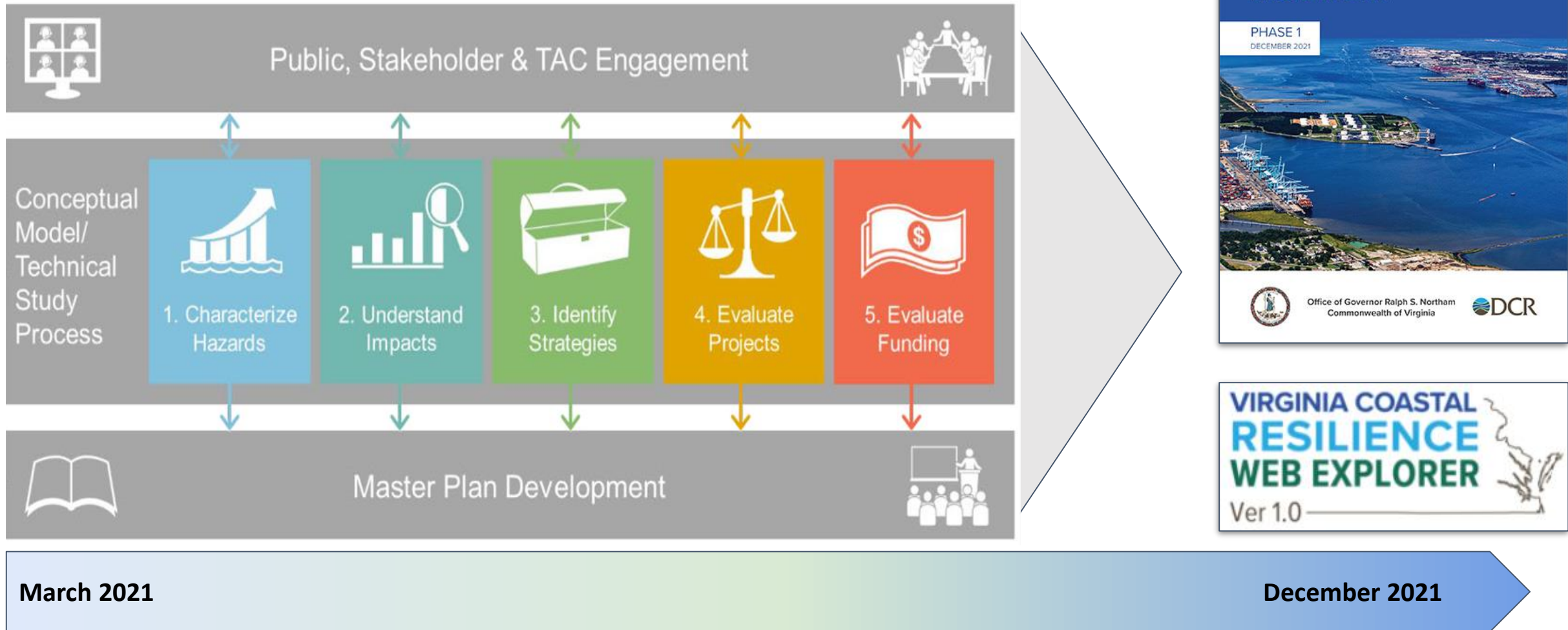


Cost-Effective Solutions



# Coastal Resilience Master Plan

## Phase 1 Overview



# Coastal Resilience Master Plan

## Phase 2 Requirements

- SACAP in coordination with DCR, shall update the Virginia Coastal Resilience Master Plan no later than December 31, 2024  
*(every 5 years thereafter)*
- CRMP shall be a place-specific plan for mitigating severe and repetitive flooding and shall [adhere to the Framework Principles]
- Phase 2 will incorporate:
  - all major flood hazards, including precipitation-driven flooding
  - a comprehensive risk assessment of critical human and natural infrastructure
  - a list of all projects considered and an update of the status of all projects previously implemented

[2022 GA HB516/SB551 now §[10.1-658, 659](#)]

# QUESTIONS

DCR Resilience Planning Contact Information

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<https://www.dcr.virginia.gov/crmp/>

<https://www.dcr.virginia.gov/dam-safety-and-floodplains/flood-protection-outreach>