



VIRGINIA COASTAL RESILIENCE MASTER PLANNING FRAMEWORK

Principles and Strategies for Coastal
Flood Protection and Adaptation

HRPDC Coastal Resilience Subcommittee
December 8th , 2020

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A photograph of a coastal landscape. In the foreground, there is a body of water with some marsh grasses. In the background, there are several multi-story houses or apartment buildings. The sky is overcast.

Guiding Principles

➤ Acknowledge Climate Change

Acknowledge climate change and its consequences and base decision-making on the best available science.

➤ Enhance Equity

Identify and address socioeconomic inequities and work to enhance equity through coastal adaptation and protection efforts.

➤ Nature-Based Solutions

Recognize the importance of protecting and enhancing green infrastructure like natural coastal barriers and fish and wildlife habitat by prioritizing nature-based solutions.

➤ Region-Specific Approach

Utilize community and regional scale planning to the maximum extent possible, seeking region-specific approaches tailored to the needs of individual communities.

➤ Cost-Effective Solutions

Understand fiscal realities and focus on the most cost-effective solutions for protection and adaptation of our communities, businesses and critical infrastructure.

Primary Goals

1

**Identify and
Prioritize
Projects**

**Identification of
priority projects for
the Master Plan**

2

**Financing
Strategy**

**Establish a financing
strategy**

3

**Incorporation of
Climate Change
Projections**

**Effective
incorporation of
climate change
projections in state
programs**

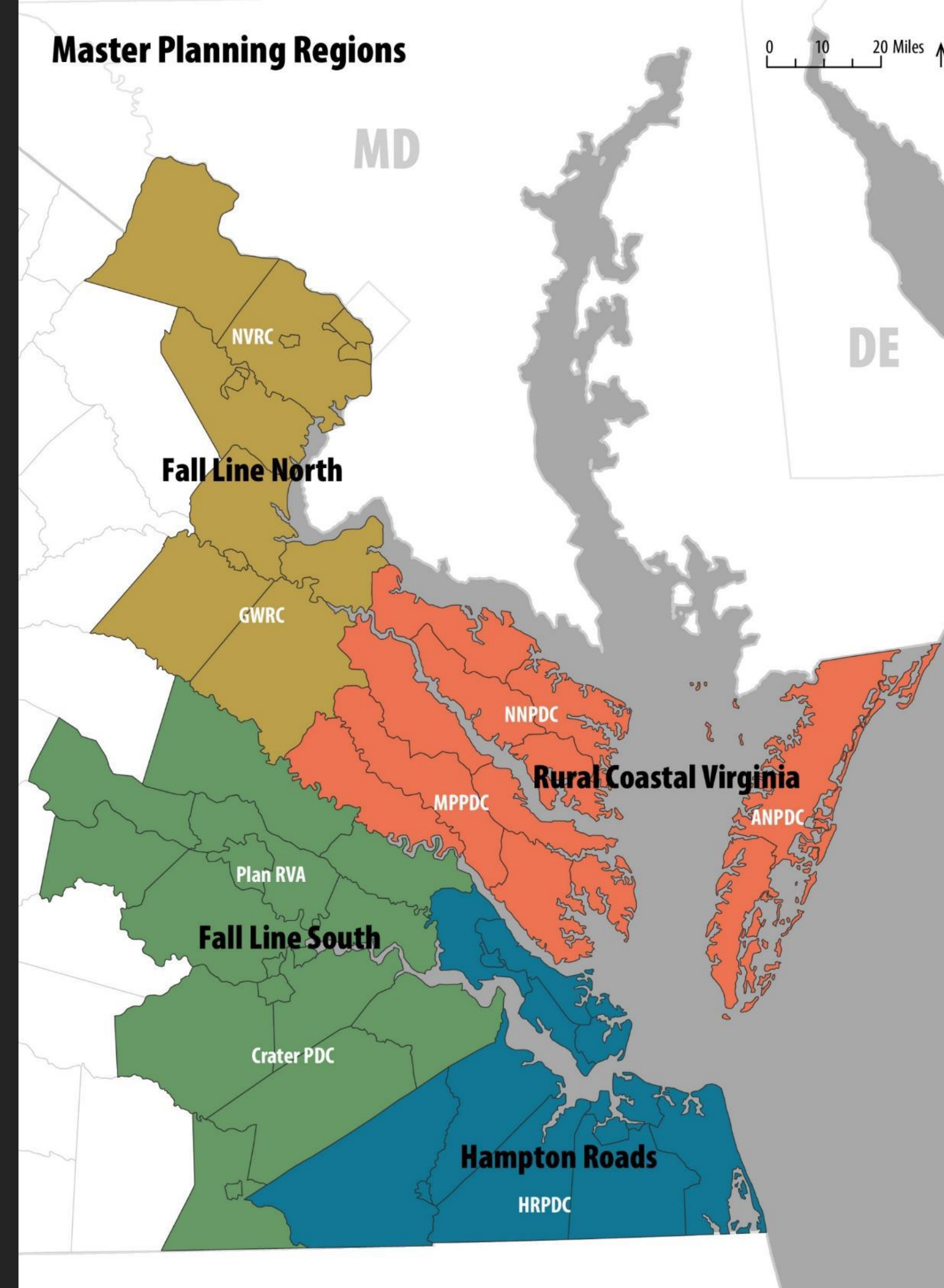
4

**Coordinate
Efforts**

**Coordination of
state, federal,
regional and local
coastal efforts**

Four Master Planning Regions

- Hampton Roads (HRPDC)
- Rural Coastal Virginia (A-NPDC, MPPDC, NNPDC)
- Fall Line North (GWRC and NVRC)
- Fall Line South (Crater and PlanRVA)



What's next

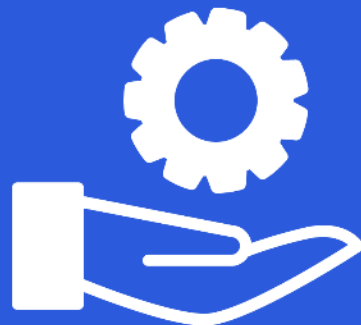
Fall 2020



RFP



Outreach



Establish Technical
Advisory
Committee



Spring 2021



First FY 21
RGGI Auction
(Of four) deposits -
Funds to VCFPF



Full Coastal Assessment
- Coordinate Efforts
- ID Process, Gaps, Needs
- Prioritize Projects/Actions



Release
Master Plan

Immediate Actions



Technical Advisory Committee (CRO, SACAP)

The TAC will work closely with the CRO and SACAP in creating a Master Plan and **prioritized project list and financing model based on the guiding principles, goals, and actions identified in the Framework.**



Coastal Zone Management Program

The nature of the TAC's work will require some significant administrative and technical support. This will include: **decision option identification; stakeholder and advisor input management; data collection and synthesis; and performance monitoring.** To meet these needs, we will utilize the CZM Program.

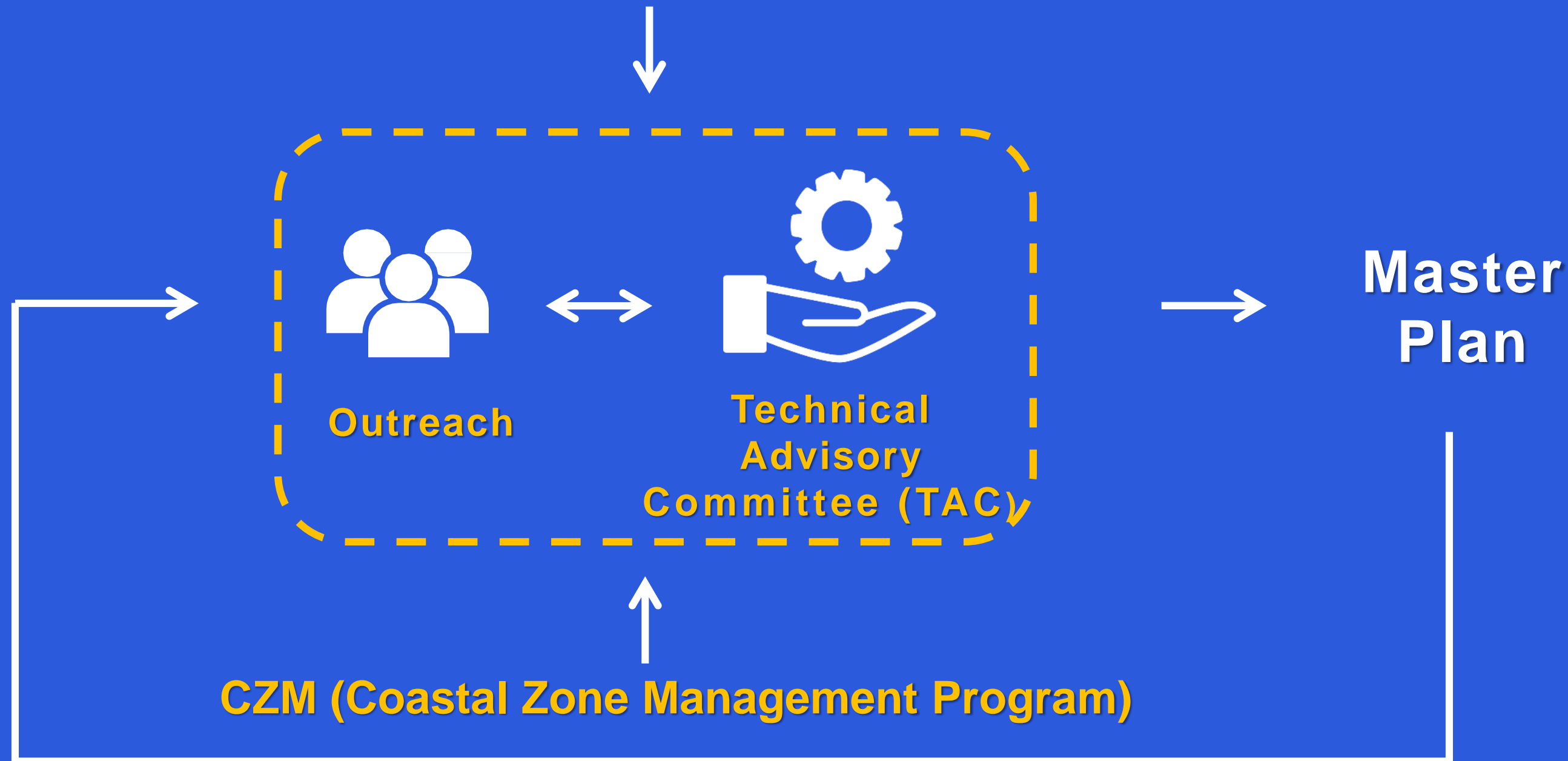


Community Engagement

A key element of our efforts going forward is **direct outreach to individual communities across the Framework's four coastal regions.**

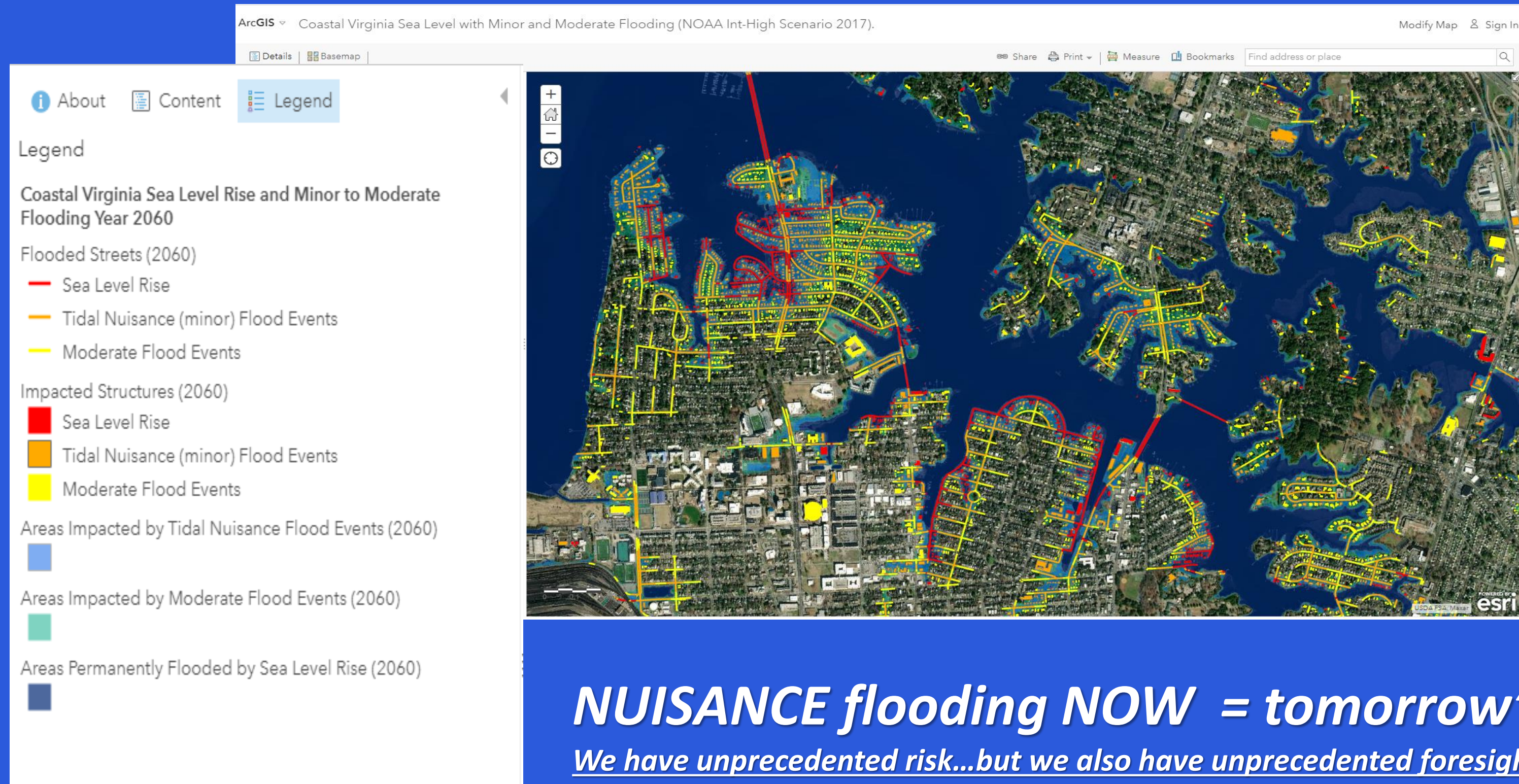
Towards a Master Plan

CRO (Chief Resilience Officer)
SACAP (Special Assistant for Coastal Adaptation and Protection)



Every 5 Years

CCRFR/ODU <https://www.floodingresiliency.org/reports/> Future Nuisance and Sea Level Rise Inundation Model



Public Comments and email:

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