COASTAL ADAPTATION AND PROTECTION IN VIRGINIA: BUILDING A MASTER PLAN

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Joint Subcommittee on Coastal Flooding
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EO-24 INCREASING VIRGINIA’S RESILIENCE TO SEA LEVEL RISE AND NATURAL HAZARDS

- SECTION 1: SET STATEWIDE STANDARDS
- SECTION 2: VIRGINIA COASTAL RESILIENCE MASTER PLAN
- SECTION 3: STATEWIDE COMMUNICATION, COORDINATION, COLLABORATION

"VIRGINIA’S ROADMAP TO MAKE OUR BUILT ENVIRONMENT MORE RESILIENT TO FLOODS, HURRICANES, FIRES, AND OTHER EXTREME WEATHER EVENTS."

GOVERNOR RALPH NORTHAM
NOVEMBER 2, 2018
EO-24: INCREASING VIRGINIA’S RESILIENCE TO SEA LEVEL RISE AND NATURAL HAZARDS

Section 2-A: The Virginia Coastal Resilience Master Plan

- Be based on best available science
- Updated every 5 years
- Provide recommendations to reduce tidal and storm surge flooding and flood risk
- Employ natural and nature-based solutions to the maximum extent possible
- Include a detailed funding analysis
FOCUS AREA
MILITARY INSTALLATIONS
Completing the Coastal Master Plan

Create Objectives and Goals → Assemble Staff → Gather Input from Community Stakeholders → Research → Complete the Draft Master Plan → Gather Feedback → Finalize Draft Plan
Plan Priorities

FIRST- "DO NO HARM"

NATURAL AND NATURE-BASED SOLUTIONS
As a first line of defense
EXAMPLE: Collaborate across state wetland programs

COLLABORATIVE PROGRAMS
Incentivize multi-jurisdictional projects

ENVIRONMENTAL JUSTICE
Ensure equitable access to funding and technical support for underserved communities

INTEGRATE RESILIENCE THROUGHOUT STATE AGENCIES/PROCESSES
State-Wide Needs

- Predictive Rainfall Projections
- Predictive Floodplain Mapping
- Riverine and Coastal Gauge System
- Consistent/Dedicated Funding
"THE COMMONWEALTH OF VIRGINIA HAS A RESPONSIBILITY TO ASSIST LOCAL GOVERNMENTS IN REDUCING FLOOD RISK THROUGH PLANNING AND IMPLEMENTING LARGE SCALE FLOOD PROTECTION AND ADAPTATION INITIATIVES."

EO-24 INCREASING VIRGINIA’S RESILIENCE TO SEA LEVEL RISE AND NATURAL HAZARDS
TIME AND TIDE WAIT FOR NO MAN . . .
BILL TIERNAN | THE VIRGINIAN-PILOT: HIGH TIDE CAUSED WATERS FROM THE LAFAYETTE RIVER TO FLOOD THE 200 BLOCK OF LAVALETTE AVE. IN NORFOLK, SEPTEMBER 19, 2017