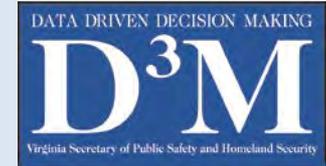




# OFFICE OF THE SECRETARY OF PUBLIC SAFETY & HOMELAND SECURITY



## Resilience – a Whole of Commonwealth Approach

- Commonwealth Chief Resilience Officer
- Homeland Security and Resilience Staff Group
- Intergovernmental Pilot Project
- Virginia Area Maritime Security Committee

**Collaboration & Coordination**

- HUD-NDRC

**Funding**

- Secure Commonwealth Panel
- NGA/DoE Energy Assurance
- Climate Change and Resilience Commission
- Joint Legislative Subcommittee for Recommendations to Address Flooding

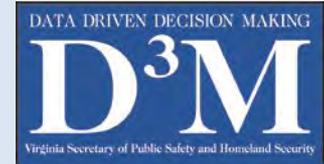
**Policy**

**Technology**

- Resilience Dashboard
- NOAA's Port of Tomorrow
- VDEM/USACE 2-year Hurricane Study



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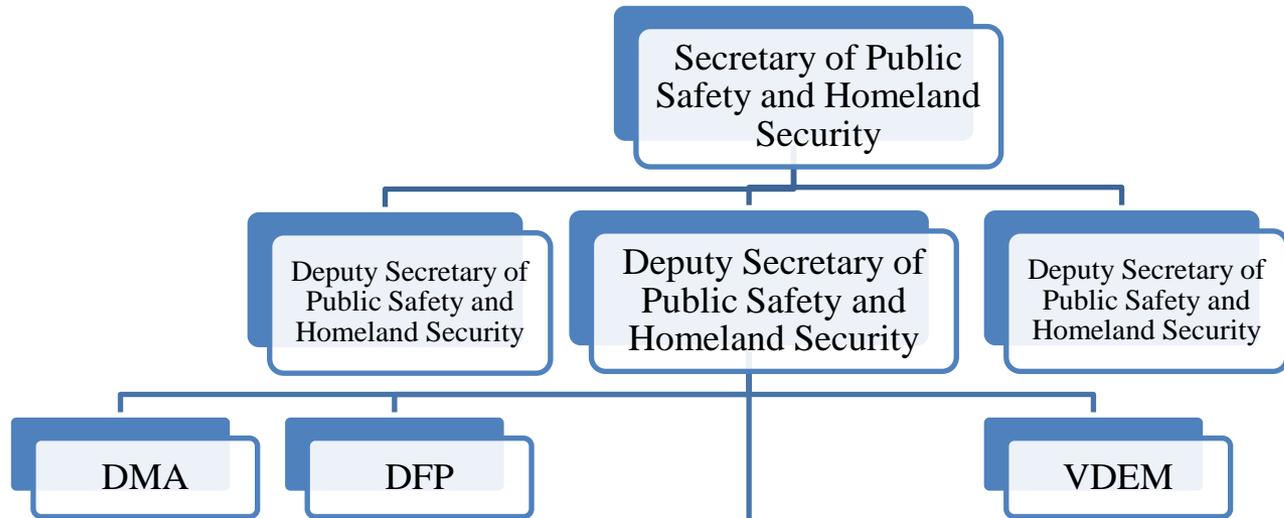
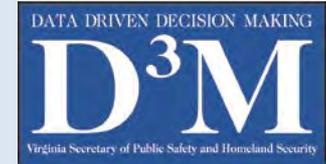
## Virginia's Chief Resilience Officer

- Appointed by the Governor in December as Virginia's first Chief Resilience Officer
- Coordinates resilience efforts between state government and with local, regional, federal, and private sector partners.
- Virginia's initial point of contact for all resilience matters.

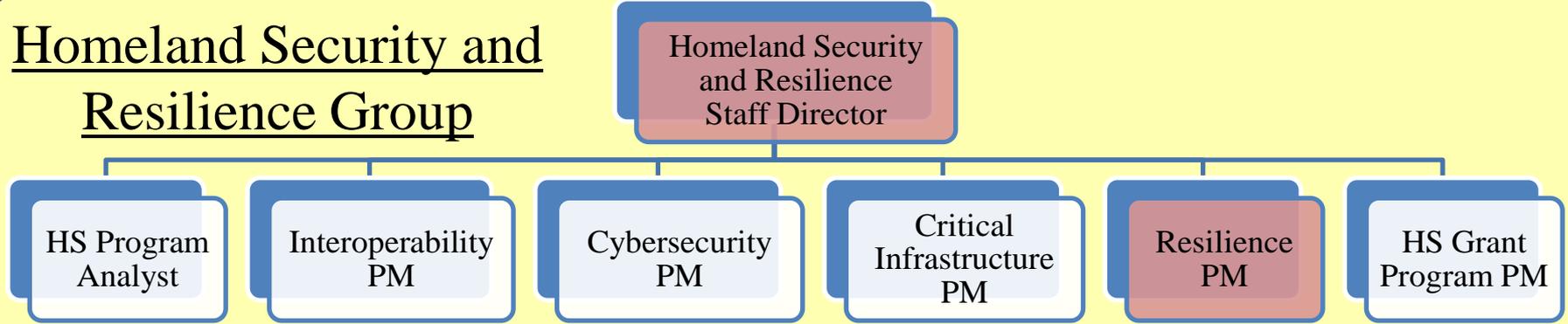




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## Homeland Security and Resilience Group



PM-Program Manager

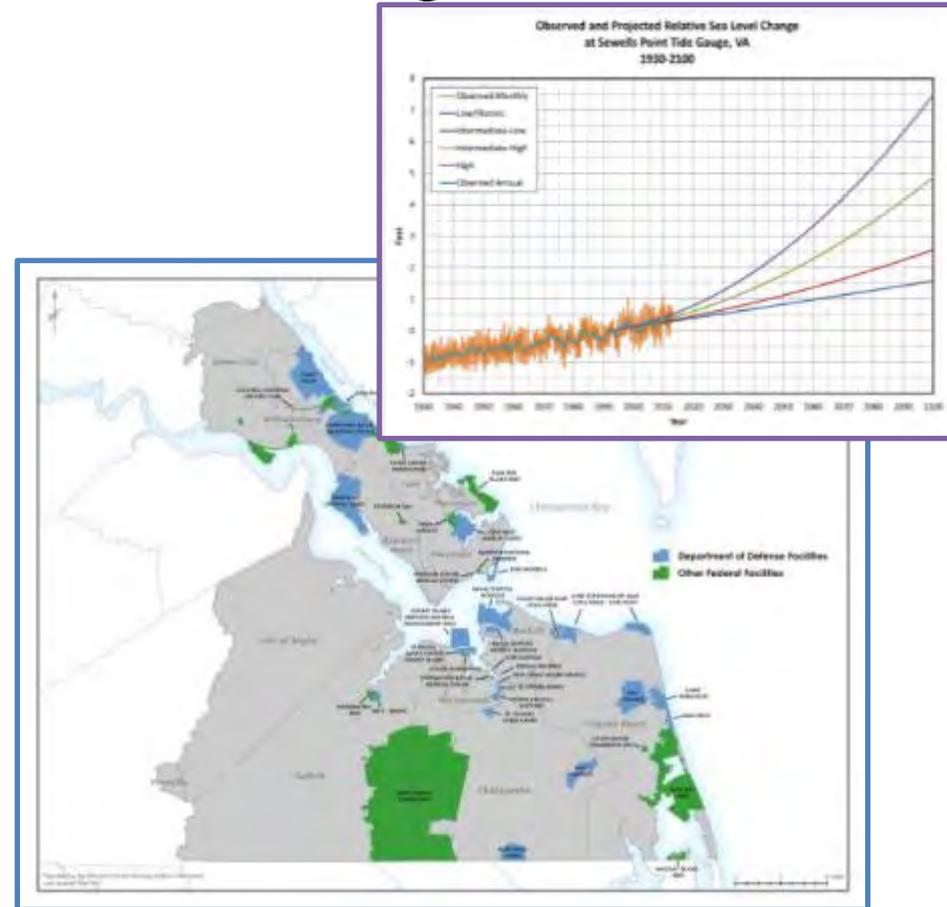


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## Intergovernmental Pilot Program

- An intergovernmental planning organization using a regional, whole of community approach to improve sea level rise preparedness and resilience planning.
- Leadership includes localities, state agencies, DoD, USCG, and private sector.
- Activities include: publishing charter, hosted table top exercises, information sharing, and provided recommendations to Secure Commonwealth Panel's Recurrent Flooding Subpanel on Recurrent Flooding Challenges.





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## Virginia Area Maritime Security Committee

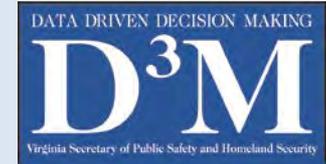
- Recent initiatives focused on port resilience and impacts of sea level rise.
- Maintains regional security plan including the management of consequences and vulnerabilities.
- Membership includes federal, state, local, and private partners.



THE PORT OF  
VIRGINIA



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## HUD-National Disaster Resilience Competition

- Competing against 40 states/localities during Phase 2 submission due on Oct 27.
- Minimum award is \$1M, maximum is \$500M.
- A state application using a regional approach involving regional stakeholders including state, local, and private sector partners and the public.
- Projects focused on populations most vulnerable to future threats and hazards, including climate change.
- Unique program, focused on improving community resiliency using educational programs, community shelters, and alternate energy sources.





## Secure Commonwealth Panel

Emerging framework is flexible and specifically designed to address evolving threats:

- Whole of Commonwealth Approach
- Recognize threats are evolving, both natural and man-made
- Identify stakeholders – government and private sector
- Recognize limited resources must focus on primary threats
- Recurrent Flooding Subpanel Report (2014)

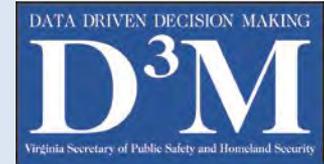


Panel Meeting in the General Assembly Building. Discussion included:

- Cyber Security
- Unmanned aerial systems/UAVs
- Public Health
- Policy and legislative update
- Resilience projects/efforts



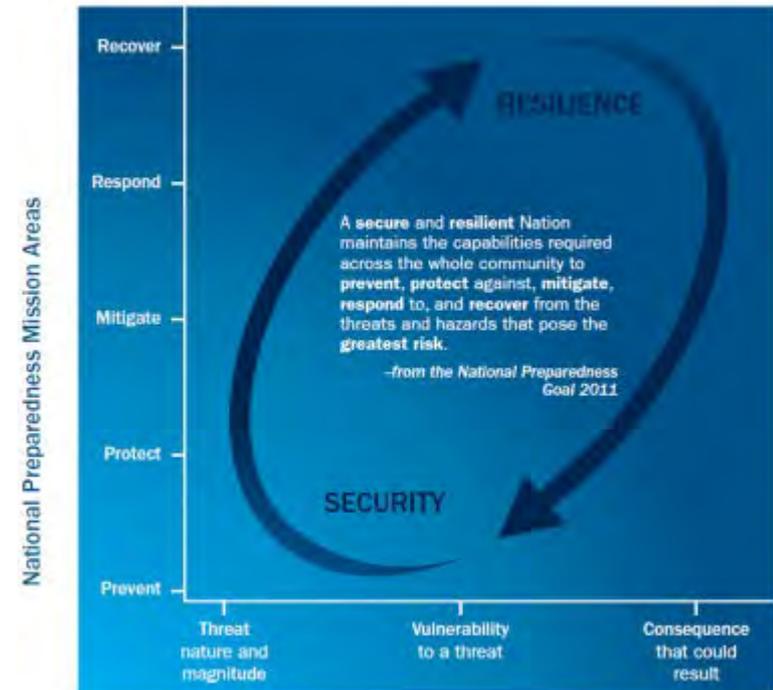
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## National Governor's Association/US Dept of Energy Partnership

- Established to bolster state level plans to bolster energy assurance and resilience.
- Goals include:
  - Increase energy infrastructure risk awareness.
  - Assist states to identify and evaluate energy infrastructure risk.
  - Provide analytical tools to better evaluate risk.
- Collaboration enables a better understanding of our energy profile and requirements.
- Requires substantial intergovernmental coordination with private sector owners and state/local stakeholders.

Figure 4 - Critical Infrastructure Risk in the Context of National Preparedness

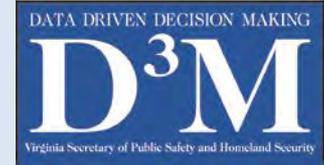


Risk Elements

Source: 2013 NIPP

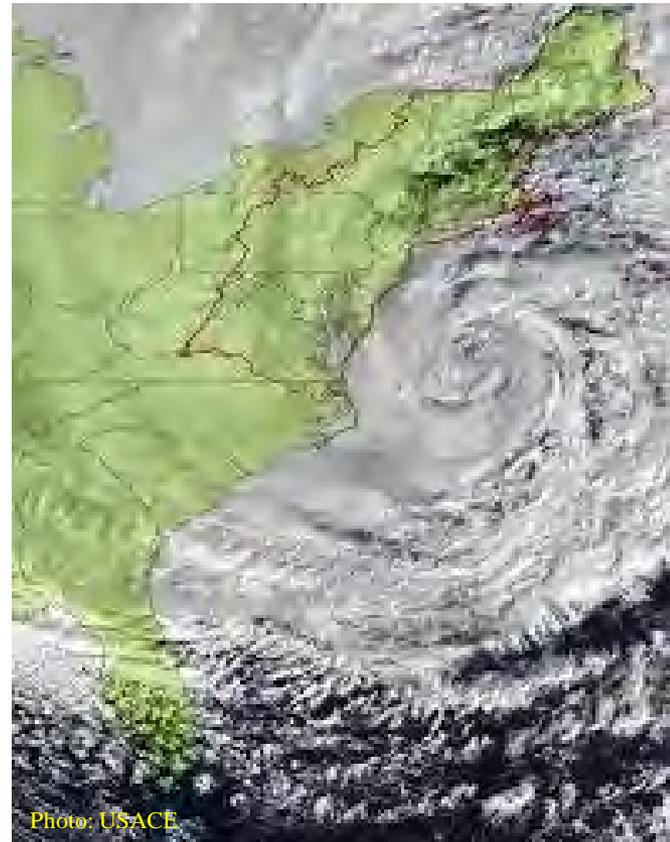


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## US Corps of Engineers/VDEM Hurricane Study

- A 2-year hurricane evacuation study designed to better understand storm surge impacts during tropical storms or hurricanes.
- Will assist in anticipating sheltering and evacuation requirements.
- Study focuses on vulnerabilities and transportation requirements.
- Employs state of the art technology and methods to revise our 2008 data.
- Funded by FEMA.





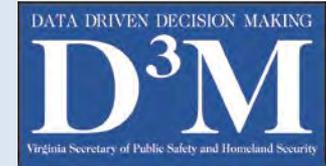
## Phase I Resilience Dashboard Project

- Federal grant to define resilience and identify data sources.
- Ultimately, result is a regional dash board to better understand impacts and threats: climate, social, economic, man-made, etc.
- Measures resilience changes while improvement projects are underway or as an assessment tool during decision making processes





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## NOAA's Port of Tomorrow

- NOAA led pilot project to better understand sea level rise impacts to community and ports.
- Assists decision makers within the community, localities, private sector, port operators, etc.
- Considers community, port, and marine transportation infrastructure and services.
- Currently working to validate critical infrastructure data to apply application to Port of Virginia and surrounding communities.

