INTERGOVERNMENTAL PILOT PROGRAM:
Federal Facilities & SLR in Hampton Roads

![Map of Federal Facilities in Hampton Roads](Image)

![Graph of Observed and Projected Relative Sea Level Change](Image)

*Courtesy of HRMFFA*
• Upon completion of the Pilot Project, Hampton Roads will have established a regional **Whole of Government & Whole of Community** organizational framework and procedures that effectively coordinate SLR Preparedness & Resilience Planning.

• A regional **Whole of Government** and **Whole of Community** approach to sea level rise preparedness and resilience planning in Hampton Roads that also can be used as a **template** for other regions.
Whole of Government & Community

Effective Resilience Planning

- Economic Impacts
- Private Sector
- Science
- Military
- Federal Gov
- Local Gov
- Commonwealth
- Other Stakeholders
- Civic Engagement
- Land Use
- Legal
- Infra-structure

Whole of Government & Community
Current Operating Structure

Steering Committee & Federal Liaisons

Legal
Roy Hoagland, VCPC

Infrastructure
RDML Ann Phillips (RET)

Land Use Planning
Phase 1: Burrel Saunders, ULI

Citizen Engagement
Michelle Covi, ODU/VSG
Chris Bonney, HRCCE

Public Health
Steven Becker, ODU

Economic Impacts Committee
Larry (Chip) Filer, ODU

Private Infrastructure Advisory Committee
Carol Considine, ODU

Municipal Planning

Sr. Advisory Committee
Fmr. Mayor Joe Frank

Science Team
Larry Atkinson, ODU
Carl Hershner, VIMS
# Local Leadership

## STEERING COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Role</th>
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<tbody>
<tr>
<td>Randy Keaton - Chair</td>
<td>Deputy Executive Director, Hampton Roads Planning District Commission</td>
</tr>
<tr>
<td>Shawn Talmadge - Deputy Chair</td>
<td>Homeland Security and Resiliency Staff Director, Commonwealth of Virginia</td>
</tr>
<tr>
<td>Mayor Kenneth Wright</td>
<td>Chair, HRPDC; Mayor, City of Portsmouth</td>
</tr>
<tr>
<td>Kit Chope</td>
<td>VP, Sustainability Director, Virginia Port Authority</td>
</tr>
<tr>
<td>Angela Navarro</td>
<td>Deputy Secretary of Natural Resources, Commonwealth of Virginia</td>
</tr>
<tr>
<td>Timothy Fortune</td>
<td>Engineering Manager, Newport News Shipyard, Huntington Ingalls</td>
</tr>
<tr>
<td>Jim Utterback</td>
<td>Virginia Department of Transportation, Hampton Roads Director</td>
</tr>
<tr>
<td>Heather Wood</td>
<td>Consultant to the Port, Kennedy Jenks</td>
</tr>
<tr>
<td>Sharon Baxter</td>
<td>Director, Division of Environmental Enhancement, Virginia DEQ</td>
</tr>
<tr>
<td>Christine Morris</td>
<td>Chief Resiliency Officer, City of Norfolk</td>
</tr>
<tr>
<td>Phil Davenport</td>
<td>Director of Public Works, City of Virginia Beach</td>
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## FEDERAL LIAISONS

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>RADM Jack Scorby</td>
<td>Commander Naval Region Middle Atlantic</td>
</tr>
<tr>
<td>COL Jason Kelly</td>
<td>USACE, Commander Norfolk District</td>
</tr>
<tr>
<td>CAPT George Bonner</td>
<td>Commanding Officer USCG Shore Infrastructure Logistics Center</td>
</tr>
<tr>
<td>Teddie Thorogood</td>
<td>Chief, Resources and Planning, USCG District 5</td>
</tr>
<tr>
<td>CAPT Dean Vanderley</td>
<td>Commanding Officer NAVFAC Middle Atlantic</td>
</tr>
<tr>
<td>COL Caroline Miller</td>
<td>Commander Joint Base Langley-Eustis</td>
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## CONVENER

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<tr>
<th>Name</th>
<th>Position/Role</th>
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<tbody>
<tr>
<td>Ray Toll</td>
<td>Director for Coastal Resilience Research, Old Dominion University</td>
</tr>
</tbody>
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Federal Support

- **DC SPONSORS:**
  - White House Offices (CEQ, NSC, OSTP)
  - Senator. Kaine
  - Dep. Sec. Def. Conger; ASN McGinn; RADMs White and Slates

- **SUPPORTING AGENCIES:** DoD, DHS, EPA, NOAA, NASA, DoE, DoT, HUD, FEMA, DoD (Navy as lead service), DoI, USACE
National Model
Recommendations and Next Steps
University Role

- A unique role of an urban campus to match research and curriculum.
- Nonpartisan broker of expertise and community resource and partner.
- Natural test bed for ideas and strategies due to location and proven expertise.
Sample Recommendations

- Link infrastructure interdependencies by sharing maps, plans, etc. with neighboring jurisdictions and municipalities.
- Create and maintain an integrated regional network beyond water levels.
- Incentivize WOG practices for each municipality.
- Integrate planners’ and emergency managers’ plans and procedures to address real time threats and long term trends.
- Improve scientific research methods through data integration and model improvement.
Next Steps

- Joint Land Use Study (JLUS)
  - Funded by the DoD to address sea level rise across multiple bases and the cities of Norfolk and Virginia Beach
- U.S. Dept. of Transportation initiative
- Institutionalize WOG and WOC relationships
- Secure funding to develop and implement recommendations
- Synchronize and integrate federal and non-federal resilience planning and implementation.
- Stepping stone to a national water plan