Working Together to Become More Resilient

Challenges and Opportunities for Communities and Military Installations

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What does HRPDC do?

• The Commission:
  – “serves as a forum for local and elected officials and chief administrators to deliberate and decide issues of regional importance”

• The Staff:
  – “provides the local governments and citizens of Hampton Roads credible and timely planning, research, and analysis on matters of mutual concern, and”
  – “provides leadership and offers strategies and support services to other public and private, local, and regional agencies, in their efforts to improve the region’s quality of life.”
## Challenges

<table>
<thead>
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<th>Category</th>
<th>Challenges</th>
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<tbody>
<tr>
<td>Understanding</td>
<td>• Installations do not understand community governance mechanisms, and communities do not understand installation missions</td>
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<td>Data</td>
<td>• Not sharing data across the fence line can lead to suboptimal results for both installations and communities</td>
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<td>Priorities</td>
<td>• Communities and installations value different (sometimes mutually exclusive) things</td>
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<td>Funding</td>
<td>• Overall lack of funding to implement projects</td>
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<td></td>
<td>• Difficult to align funding from multiple sources when several entities would benefit</td>
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Plan to restrict boating near Little Creek Navy base draws hundreds of critical comments

By Claire Mitzel
The Virginian-Pilot
Aug 7, 2018
Data – Stormwater Management near JEB Little Creek

Image Credit: AECOM/Hampton Roads Region – Norfolk and Virginia Beach JLUS
Community and Navy Priorities – Norfolk International Airport
Opportunities

**Coordination**
- The Joint Land Use Study can be a catalyst for ongoing coordination and relationship-building at multiple levels

**Planning**
- Coordinated planning can identify better and/or more cost-effective options and reduce conflicts

**Funding**
- Pooling funding from multiple sources could lead to faster or better implementation
Criteria to Evaluate Local Projects for Military Benefit

- Installation Readiness
- Personnel Readiness
- Community Co-Benefits
- System Performance
JLUS – Impacts of Flooding on Accessing Military Installations

Image Credit: AECOM/Hampton Roads Region – Norfolk and Virginia Beach JLUS
Hampton Roads JLUS
Access to Community Assets, Minor Tidal Flooding, 3.0 Ft SLR

Legend
- Blocked Access
- Blocked or Indirect Access (2 or More Assets)
- Blocked or Indirect Access (Less Than 2 Assets)
- Treatment Plant
- Emergency Operations
- Hospital
- Fire / Emergency Station
- Police Station
- Shelter
- Elementary Schools

Inundated Roadways (3.0’SLR)
- Navy Installation
- Controlled Access Gates
- City Limits

Minor Tidal Flooding, 0’ SLR
Minor Tidal Flooding, 1.5’ SLR
Minor Tidal Flooding, 3’ SLR

Image Credit: AECOM/Hampton Roads Region – Norfolk and Virginia Beach JLUS
Shoreline Management

Photo Credit: Patrick Bloodgood, Norfolk District, U.S. Army Corps of Engineers