



VIRGINIA COASTAL RESILIENCE PLANNING

Principles and Strategies for Coastal
Flood Protection and Adaptation

NASEM – Reactive and Proactive Local Actions and Data
Translation for Decision Makers

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Rear Admiral Ann C. Phillips, US Navy (Retired)
Special Assistant for Coastal Adaptation and Protection

ann.phillips@governor.Virginia.gov
Email: **ResilientCoastVA@governor.virginia.gov**

Community Action - Examples:

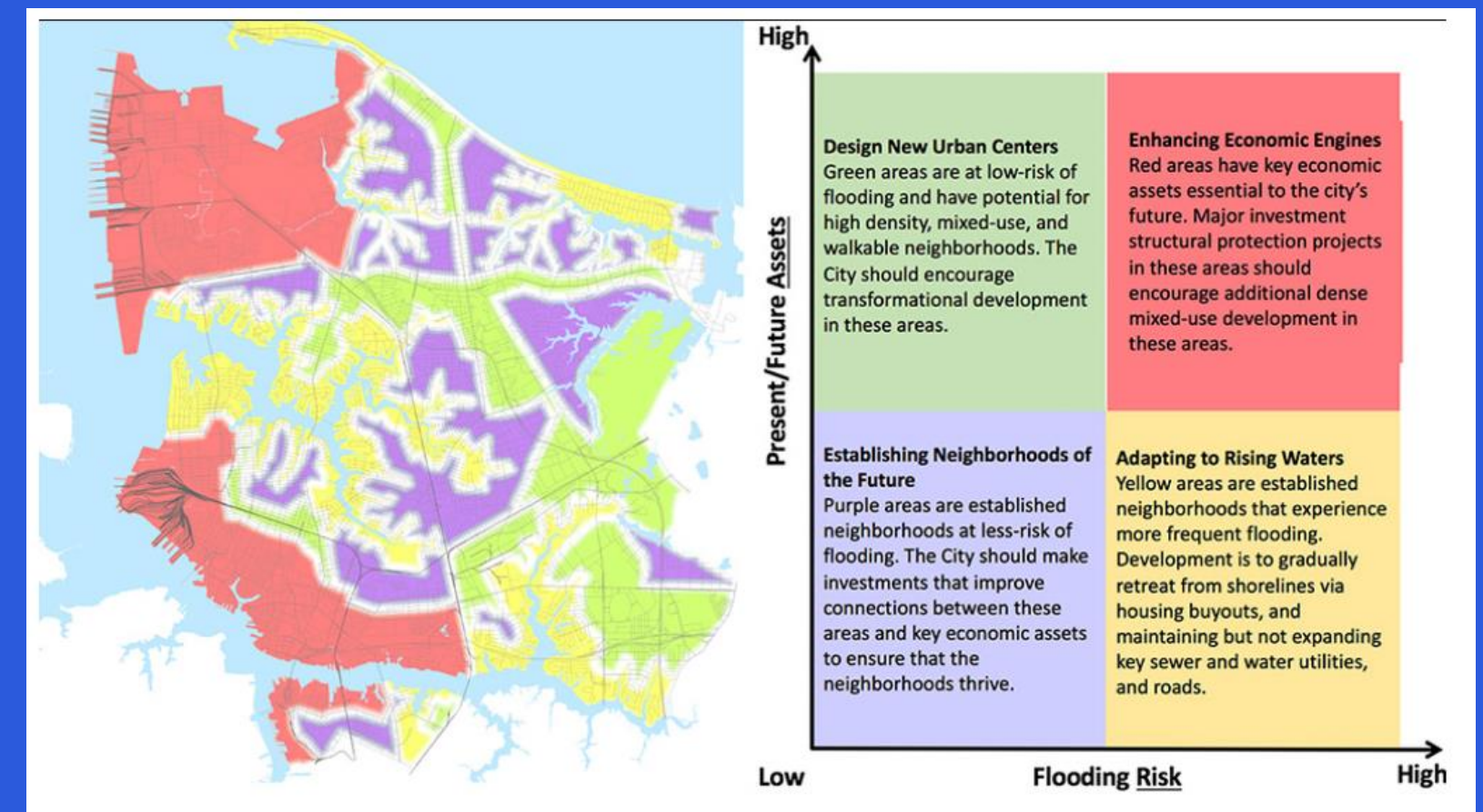
- *Norfolk Vision 2100*
 - *Norfolk Zoning Ordinance*
- *Virginia Beach Sea Level Wise*
- *VB Public Works Design Standards Manual*
- *Resilient Hampton*

- *Middle Peninsula PDC*
 - *Public Access Authority*
 - *Fight the Flood Program*

- *Federal Programs*
 - *CBA vs Triple Bottom Line*



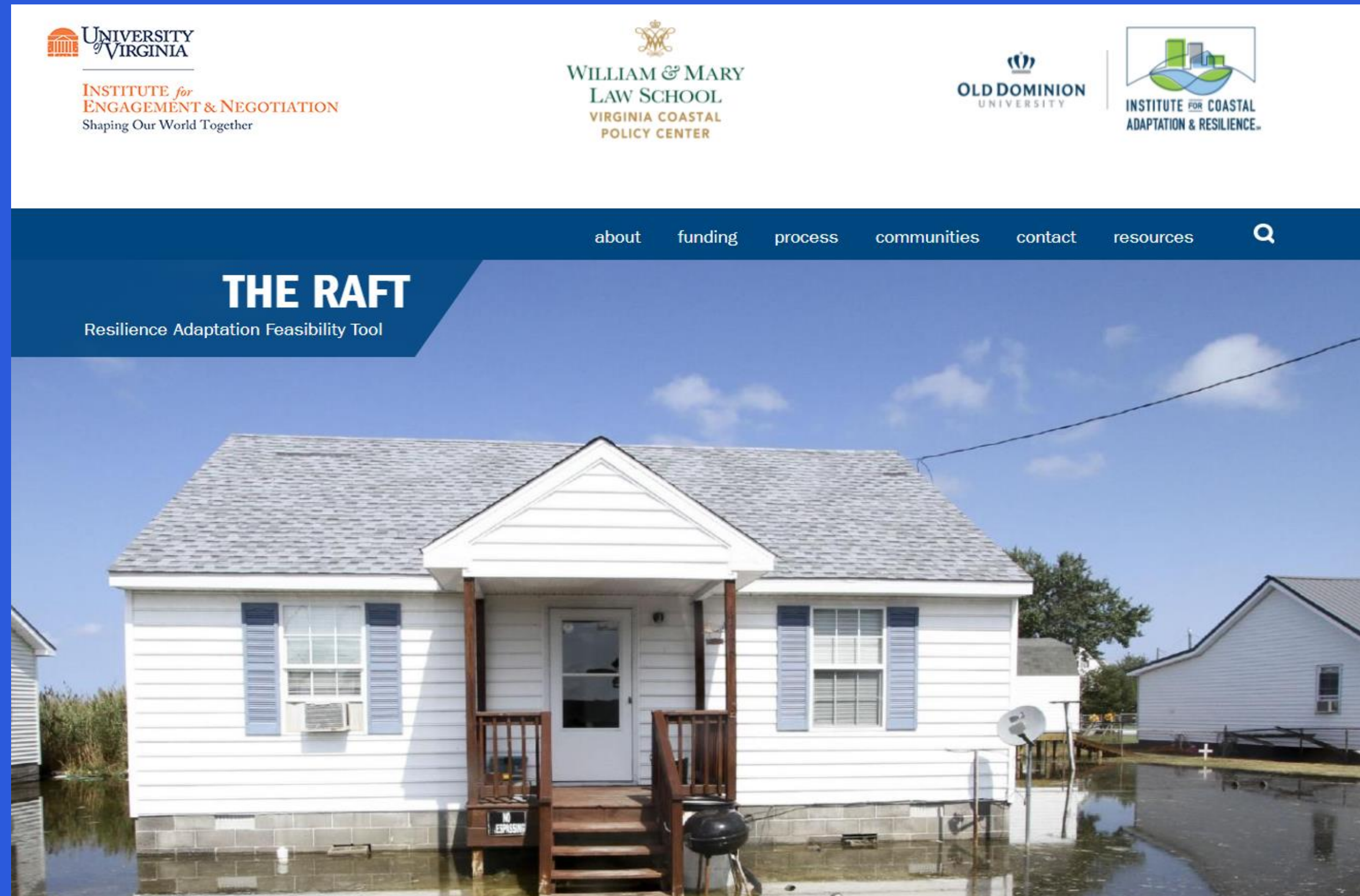
VB Asheville Park, October 2016 – Virginian Pilot



Source: Norfolk Vision 2100

Resilience Adaptation In Virginia:

- **RAFT**
 - *Facilitated*
 - *Tailored for VA*
- **PREP**
 - *Self Scoring Tool*
 - *(Under Development)*
- *Broader Resilience focus*
- *Federal Tools*



<https://raft.ien.virginia.edu/>

Incentives/Needs:

- ***Consistent, Accessible, Current, Projected Climate Data***
- ***Coastal/Waterfront Property Value (and tax) vs Risk***
 - ***Zoning vs Development revenue***
- ***Buyout options – other than now or never (FEMA)***
 - ***Heirs Property***
 - ***Retain Property value for owner/ LMI communities***
- ***Options for Communities, neighborhoods to stay intact***
 - ***Strategic Coastal relocation***
- ***Local/ State Law challenges = discrete outcomes***

Photo: Virginian Pilot / Hyunsoo Leo Kim

Public Comments Email:

ResilientCoastVA@governor.virginia.gov

**Virginia Coastal Resilience Master Planning
Framework link:**

<https://www.governor.virginia.gov/media/governorvirginiagov/governor-of-virginia/pdf/Virginia-Coastal-Resilience-Master-Planning-Framework-October-2020.pdf>