

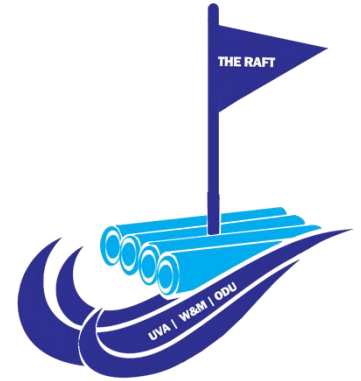
THE RAFT

Resilience Adaptation Feasibility Tool

Scorecard Opportunity List Town of West Point

The RAFT Goal

To help Virginia's coastal localities improve resilience to flooding and other coastal storm hazards while striving to thrive both economically and socially.



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For more information, visit The RAFT website: raft.iem.virginia.edu

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1) LOCALITY LEADERSHIP, POLICY, AND COLLABORATION

1.1 LOCALITY LEADERSHIP AND PLANNING FOR RESILIENCE:

3 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Hold resiliency trainings events for elected officials and community leaders with resiliency experts as guest speakers.	Mid-Term: 1-3 years			

1.2 LOCALITY LEADERSHIP AND RESPONDING TO EMERGENCY:

3 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Include stakeholders who will need emergency response and lower income, vulnerable populations in resiliency community meetings.	Mid-Term: 1-3 years			

1.3 LOCAL COLLABORATION WITH STATE AGENCIES AND REGIONAL PDCs:

3 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Work with resiliency-focused community groups serving vulnerable populations.	Mid-Term: 1-3 years			

1.4 ADAPTIVE MANAGEMENT:

1 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Incorporate new data, scientific analyses, and approaches to resilience in updates to the Floodplain Management Ordinance, Zoning Ordinance, and Site and Subdivision Ordinances.	Mid to Long-Term: 1-3 to >3 years			

1.5 The NFIP's COMMUNITY RATING SYSTEM:

0 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Research and participate in CRS Program.	Mid-Term: 1-3 years			

2) RISK ASSESSMENT AND EMERGENCY MANAGEMENT

2.1 FLOOD EXPOSURE AND VULNERABILITY ASSESSMENT:

4 / 4 Points

2.2 RISK ASSESSMENT FOR VULNERABLE POPULATIONS:

0 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Work with local community groups to identify vulnerable groups who live or work in flood zones.	Short to Mid-Term: <1 to 1-3 years			
Hold community meetings about coastal hazards that are accessible to and aimed towards vulnerable populations.	Short to Mid-Term: <1 to 1-3 years			
Hold emergency preparedness information sessions for vulnerable populations.	Short to Mid-Term: <1 to 1-3 years			

Identify and assist community groups and agencies that work with vulnerable populations before, during, and after storms.	Short to Mid-Term: <1 to 1-3 years			
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2.3 BUSINESS AND ECONOMIC RISK ASSESSMENT:				3 / 4 Points
Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Provide programs for small business emergency preparation and business continuity post event.	Mid to Long-Term: 1-3 to >3 years			

2.4 HAZARD MITIGATION:	4 / 4 Points
2.5 RESIDENT EMERGENCY PREPAREDNESS:	4 / 4 Points

3) INFRASTRUCTURE RESILIENCE*

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3.1 STORMWATER INFRASTRUCTURE:				0 / 4 Points
Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Provide incentives for private property activities that manage stormwater such as tax deductions or flag program (i.e. River Star Homes).	Short to Mid-Term: <1 year to 1-3 years			
Identify funding sources for stormwater management projects such as stormwater utility fees, user fees, grants, or other funding mechanisms.	Mid to Long-Term: 1-3 to >3 years			
Provide demonstrational BMPs on public property for stormwater education.	Mid-Term: 1-3 years			
Identify minimum state requirements and compare to local requirements.	Mid to Long-Term: 1-3 to >3 years			

3.2 CRITICAL TRANSPORTATION INFRASTRUCTURE:				3 / 4 Points
Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Work with VDOT to identify and evaluate vulnerable transportation infrastructure and conduct an analysis of road erosion, flooding, and inundation – working in coordination with counties throughout the region where applicable – and implement mitigation measures (e.g., elevation, redesign).	Mid-Term: 1-3 years			

3.3 WATER SUPPLY AND WASTEWATER MANAGEMENT SERVICES:				1 / 4 Points
Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Identify vulnerabilities to coastal storm hazards by conducting an assessment of drinking water supply and wastewater management (from both public sources as well as private well owners).	Mid-Term: 1-3 years			
Update water supply plan to address coastal hazards and dangers they pose to portable water.	Mid-Term: 1-3 years			

Hold public educational events and disseminate educational materials about safe drinking water and what to do in case a storm impacts their water supply.	Mid-Term: 1-3 years			
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3.4 CRITICAL INFRASTRUCTURE FOR EMERGENCY SERVICES: 3 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Identify emergency services weaknesses and address how to fix them.	Short-Term: <1 year			

3.5 NATURAL AND NATURE-BASED FEATURES: 2 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Begin implementing green strategies such as living shorelines, wetland restoration, and watershed management.	Mid to Long-Term: 1-3 to >3 years			
Offer fund-matching or tax incentive programs for homeowners to participate in nature-based landscaping projects.	Mid to Long-Term: 1-3 to >3 years			

4) PLANNING FOR RESILIENCE

4.1 BUDGET, FUNDING AND STATE & FEDERAL ASSISTANCE: 1 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Allocate specific funds for coastal resilience into Capital Improvement Plan.	Short to Mid-Term: <1 year to 1-3 years			
Identify key economic impacts and monetary losses that significant storm events could cause.	Short to Mid-Term: <1 year to 1-3 years			
Identify funding to meet needs of vulnerable populations in case of emergencies.	Short to Mid-Term: <1 year to 1-3 years			

4.2 COASTAL RESILIENCY IN COMPREHENSIVE PLAN: 2 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Ensure updates to comprehensive plan include community input on coastal resilience.	Short to Mid-Term: <1 year to 1-3 years			
Ensure comprehensive plan includes potential impacts on critical infrastructure and services, especially regarding vulnerable populations.	Short-Term: <1 year			

4.3 LAND USE ORDINANCES: 2 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Modify flood zone designations to include areas outside FEMA designations that are still known to flood regularly.	Mid to Long-Term: 1-3 to >3 years			
Establish or enforce setback laws in flood-prone areas.	Mid to Long-Term: 1-3 to >3 years			

4.4 INCENTIVES FOR COASTAL RESILIENCE: 3 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Seek out input from agencies and organizations working with socially vulnerable populations in development of coastal resilience incentives.	Mid to Long-Term: 1-3 to >3 years			

4.5 NATURAL RESOURCE PRESERVATION: 2 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Hold community meeting open to residents, civic organizations, and NGOs to educate community about natural resource preservation plan.	Mid to Long-Term: 1-3 to >3 years			
Offer fund-matching or grant funds for natural resource preservation projects.	Short to Mid-Term: <1 year to 1-3 years			

5) COMMUNITY ENGAGEMENT, HEALTH, AND WELL-BEING

5.1 PUBLIC INVOLVEMENT IN RESILIENCE PLANNING: 1 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Adopt a written policy statement regarding the roles of residents, commercial enterprises, and other stakeholders in coastal resilience.	Mid to Long-Term: 1-3 to >3 years			
Create a coastal resilience committee and assign staff roles.	Short to Mid-Term: <1 year to 1-3 years			
Create informational coastal resilience materials to disseminate via social media, government websites, and traditional media and ask for public input.	Short-Term: <1 year			

5.2 PROVIDING COASTAL RESILIENCE INFORMATION TO THE PUBLIC: 2 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Create audience-appropriate information guides, signs, brochures, social media posts informing the public about coastal resilience and economic risks associated with storm events.	Short-Term: <1 year			

5.3 CITIZEN LEADERSHIP & VOLUNTEER NETWORKS FOR COASTAL RESILIENCE: 0 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Encourage and provide funding for community resilience projects and advertise these incentives to public.	Short to Mid-Term: <1 year to 1-3 years			
Hold community training sessions to educate public on resiliency strategies.	Short to Mid-Term: <1 year to 1-3 years			
Provide local leaders and volunteers with educational materials and speakers for local events.	Mid-Term: 1-3 years			
Acknowledge the work of resident leaders or volunteers in supporting and advancing coast resilience by highlighting	Short-Term: <1 year			

their work on government websites, social media, awards, etc.				
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5.4 RESILIENT SYSTEMS TO PROVIDE FOOD, HEALTH, AND MEDICINE: 4 / 4 Points

5.5 PHYSICAL AND MENTAL HEALTH FOR SOCIAL EQUITY IN COMMUNITY RESILIENCE: 0 / 4 Points

Action Items	Time Period	Support (Check)	Ease (Rank 0-10)	Impact (Rank 0-10)
Gather data on community physical and mental wellbeing and challenges through specific metrics, such as "deaths of despair" (suicide, cirrhosis of the liver, overdoses).	Long-Term: >3 years			
Identify trusted communication messengers for vulnerable populations.	Short-Term: <1 year			
Partner with NGOs and community groups to identify needs of vulnerable populations.	Short-Term: <1 year			
Make plans to best help vulnerable populations during emergencies in conjunction with community groups.	Short to Mid-Term: <1 year to 1-3 years			

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