

Grant Proposals for FY 14 Virginia Coastal Zone Management Program PDC Competitive Grants

Proposal Name:	Nike Park Canoe/Kayak Launch
Proposal Category:	Public Access
Submitted By:	Isle of Wight County
Description:	<p>The Nike Park Canoe/Kayak Launch project will provide for the restoration of the pier and landing at the historic Carrollton Nike Park in Isle of Wight, Virginia. The pier and landing, which was utilized for fishing, crabbing, and enjoyment of breathtaking view of Jones Creek, was severely damaged by Hurricane Irene in 2011. The pier was partially restored with Federal Emergency Management Agency (FEMA) and insurance settlement funding. However, due to funding limitations, the County was unable to full replace the pier and landing as intended resulting in a loss of amenities including the popular canoe and kayak access.</p> <p>The County is requesting \$28,000 in 2014 Virginia Coastal Zone Management Program Grant funds to restore the pier to its original design including an eight foot (8') wide pier, a twenty foot by thirty foot (20' x 30') landing, and a twenty-eight foot by five foot (28' x 5') gangway that connects the pier to an ADA accessible floating dock and metal canoe/kayak launch (see attached concept plan). Restoration of the pier and landing to its original design will expand opportunities for recreational enjoyment for the 70,000 citizens, canoe/kayakers, and fisherman that visit Nike Park each year.</p>
Federal Funds Requested:	\$28,000
Match Offered:	\$8,000

Proposal Name:	Adaptation Response to Recurrent Flooding
Proposal Category:	Coastal Resiliency
Submitted By:	Portsmouth
Description:	<p>The Portsmouth Planning Department is hiring the Virginia Modeling, Analysis, and Simulation Center to provide data and modeling simulations to help meet the State’s expectation that planning efforts incorporate flexible adaptation principles in response to projected sea level rise and storm surge associated with recurrent flooding. The City is looking to improve its knowledge base used to inform planning decisions and projections, to consider and analyze options and strategies that reflect the unique dynamics of the locality, and to increase its awareness of the disposition of the elderly and persons with disabilities in responding to recurrent flooding. To do this, the City is examining six areas:</p> <ol style="list-style-type: none"> 1. Assessing individual adaption strategies 2. Mapping population vulnerability 3. Optimization of access to healthcare venues 4. Modeling migration of public facilities 5. Planning for sheltering capacity 6. Planning for housing recovery <p>The CZM grant will help to fund the cost of assessing individual adaption strategies. VMASC will be surveying 1,800 households to assess the variation in risk perception and adaption strategies across the City. Households will be geocoded to the nearest residential cross streets. GIS shapefiles will be generated showing household characteristics and hot spot analyses will be performed to illustrate the intensity of attributes (e.g., perceptions, adaption constraints, etc.). These shapefiles will be layered with SLR shapefiles and cases disaggregated by either inclusion or exclusion within the 1.5 foot SLR zone and the 3 feet surge zone.</p> <p>This baseline information will then inform the City’s efforts in pursuing further modeling and analysis for planning and dealing with sea level rise and recurrent flooding.</p>
Federal Funds Requested:	\$20,000
Match Offered:	\$5,714

Proposal Name:	Developing a Community Outreach and Inreach Strategy to Address Sea Level Rise and Recurrent Flooding in Virginia Beach, Virginia
Proposal Category:	Coastal Resiliency
Submitted By:	Virginia Beach
Description:	<p>Rising sea levels and land subsidence make Hampton Roads the second most vulnerable area to floods and storm surge in the nation, behind only New Orleans. To prepare for these impacts, localities across the Hampton Roads region need to assess their economic, social, and environmental vulnerability to sea level rise and develop strategies to mitigate or adapt to these changes. In this project, the City of Virginia Beach will work with Wetlands Watch and other community environmental organizations to build on the previous climate change CZM grant project completed by the HRPDC and the City of Virginia Beach to develop an outreach and inreach model for other localities to use when preparing for sea level rise.</p> <p>This project will consist of two main products. The first product will build on the recently completed CZM grant, and will include the implementation of the community outreach strategy developed in that report. The community outreach strategy will include three parts:</p> <ul style="list-style-type: none"> - A Citizen Advocacy Academy that can provide input and political support for staff on issues related to land use, sea level rise adaptation, and development in floodprone areas of Virginia Beach, - Engagement of community stakeholders during the Comprehensive Plan update to solicit input on the sections related to sea level rise and recurrent flooding, - A community inreach strategy to inform and advise Council appointed boards and committees, and other local groups. <p>The second product will be an analysis and review of the Federal Emergency Management Agency's Community Rating System in light of Virginia Beach ordinances, regulations, and programs to evaluate the feasibility and benefits for Virginia Beach to participate.</p>
Federal Funds Requested:	\$40,000
Match Offered:	\$12,000

Proposal Name:	Wetlands Restoration Site Identification and Prioritization
Proposal Category:	Water Quality/Coastal Resiliency
Submitted By:	HRPDC
Description:	<p>The loss of wetlands in the Elizabeth River watershed and across Hampton Roads has contributed to the loss of wildlife habitat, degraded water quality, and decreased the region's resilience to coastal hazards. Restoring wetlands is important to improving regional ecosystems and increasing the usability of the region's streams and rivers for natural and recreational uses. Identifying appropriate sites for restoration or mitigation in terms of feasibility and potential impact is a critical need to ensure that resources are expended in the most cost-effective manner. This process involves three steps: developing a methodology to identify and rate sites for wetlands restoration potential, testing and verifying that methodology through the use of field assessments, and applying the verified methodology to create a prioritized list of wetlands restoration sites.</p> <p>This project will build on previous efforts by the Elizabeth River Project and the Virginia Institute of Marine Science to development and implement a methodology for identifying and prioritizing sites for wetlands restoration. The methodology will incorporate new datasets and reflect current concerns, such as sea level rise, climate change, and the Chesapeake Bay TMDL. The methodology will primarily use geographic information systems analysis to identify and score potential sites based on expected benefit and feasibility, with some site-based verification. These rankings will then be used to create a list of priority sites. This methodology will be developed in such a way that it can be used by localities throughout Hampton Roads and the Commonwealth.</p>
Federal Funds Requested:	\$20,000
Match Offered:	\$10,000 - \$30,000

Proposal Name:	Blue-Green Infrastructure Workforce Development
Proposal Category:	Water Quality
Submitted By:	Wetlands Watch
Description:	This proposal would fund information gathering, stakeholder engagement, and a series of workshops on workforce development for blue-green infrastructure jobs. Stakeholders would include contractors, VIMS, AREC, community colleges, and universities. These workshops would result in creation a list of desired priority skill sets, a regional training consortium, and alignment of local training and educational institutions with private sector needs.
Federal Funds Requested:	TBD
Match Offered:	TBD