Hampton Roads Critical Infrastructure Program (HRCIP)

Presented to the Hampton Roads Planning District Commission

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Need for a CIP

- National Infrastructure Protection Plan (NIPP)
  - Sector Specific Planning (Private & Public)
  - Federal level criteria
- Virginia Critical Infrastructure Protection and Resilience Strategy
  - State level criteria developed
- Regional level needed
- Urban Areas Security Initiative (UASI)
- Development of Critical Infrastructure database
Vulnerable

- Potable & Waste Water
- Banking & Insurance
- Government
- Emergency Response
- Transportation
- Telecomcommunications
- Electricity
- Oil & Gas
- Innovation
- Deterioration
- Regulation
- Globalization
- Devolution
- Deliberate Threats
- Accidental Threats
- Natural Threats

Adapted from Heller, 2002
UVA CI/KR Resiliency Study

- Provide support in HRCIP development
  - Create a steering committee
  - Conduct research of existing and supporting data
  - Develop capabilities and measures
  - Conduct workshops for CI/KR data validation
  - Produce a guidance document
  - Perform assessment of capabilities & targeted improvement path
Virginia Critical Infrastructure Protection and Resiliency Strategic Plan Implementation

Facilitate Sector Specific Planning (SSP)

- SSP plan development, strategic analysis, and planning
- Development of Regional CI/KR criteria
- SSP communication and outreach support
- Meeting support and facilitation
- Readiness (training and exercise) support
Automated Critical Infrastructure / Key Resource Asset Management Systems (ACAMS)

- IT platform to support CI/KR identification, on-site evaluation and analysis, and a database for the CIP program
- Supports SSP Plan development
- Program management support
- Assessing mission needs
- Analyzing Project goals and objectives
- Establishing SSP performance measurements and metrics
- Measuring the effectiveness of the SSP Project
- Organizing CI/KR data.
Never done at Tier II level UASI
  
Serve as model

Systematic proactive approach

Lays foundation
  
Involve public & private stakeholders
  
Collaborative effect with other:
  
  
  - Projects: FRAC, Communications Interoperability, UASI Capabilities Assessment, etc.
Recommendations

- Region provided with seed money through State Homeland Security Grant Program funding from OCP
  - Approve the development of the HRCIP utilizing the grant funds through the following applications:
    - CI/KR Resiliency Study
    - Virginia Critical Infrastructure Protection and Resiliency Strategic Plan Implementation
    - ACAMS
Comments