



Breaking the Disaster Cycle

Future Directions in Hazard Mitigation

Presented to the Hampton Roads
Planning District Commission
Retreat – February 17, 2011
Richard R. Flannery, MS, CFM

amec

PENINSULA MULTI-JURISDICTIONAL NATURAL HAZARDS MITIGATION PLAN

DISASTER MITIGATION ACT OF 2000



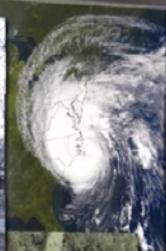
Southampton County ALL-HAZARDS MITIGATION PLAN



FINAL JANUARY 2006

SOUTHSIDE HAMPTON ROADS HAZARD MITIGATION PLAN

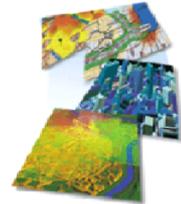
Southside Hampton Roads
HAZARD MITIGATION PLAN



PBS!

September 14, 2009

City of Poquoson, Virginia Multi-Hazard Mitigation Plan



Sustainability
Smarter growth

City of Franklin ALL-HAZARDS MITIGATION PLAN



al, Inc.
300

FINAL JANUARY 2006



Who Implements?

- A collaborative effort
 - Involves multiple disciplines to cover a broad range of capability and problem solving
 - Elected officials
 - Floodplain Manager
 - Building, Zoning, Engineering, & Public Works officials
 - Finance/procurement/Budget office
 - School boards
 - Infrastructure officials/owners
- This is NOT an emergency response plan or just an emergency management responsibility

Mitigation Life Cycle



Knowing the Risks

- Risk is defined as a function of:
 - Hazard
 - Source of potential danger and adverse action
 - Exposure
 - Manmade or natural features that expose communities to the hazard
 - Vulnerability, and
 - Damage susceptibility of the exposed features
 - Capability
 - Regulatory
 - Technical
 - Financial



Flood Risk Reduction

- To reduce risk:
 - Manipulate the Hazard
 - Structural Flood Control
 - Reduce the Exposure
 - Property acquisition
 - Reduce Vulnerability
 - Retrofitting, elevation structures
 - Increase capability
 - \$\$, preparation, technical assistance, planning, zoning ordinances
 - Public Outreach & Education



Mitigation Success Story



Regional Goals

- Reduce impacts and losses from all hazards
 - Strengthen community floodplain management programs
- Promote awareness of hazards and vulnerability among citizens, business, visitors, industry and government
 - Develop a seasonal multi-hazard education campaign
- Continue participation in National Flood Insurance Program
- Integrated with Comprehensive Plans
- Maximize use of available funding



Benefits of Hazard Mitigation Implementation



- Preparedness: Pro-active vs. reactive
- Reduces loss of life, economic loss, damage to property, essential services, & critical facilities
- A more disaster resistant community that is sustainable

Discussion

- Recommended Future Direction
 - Researching and identifying mitigation projects and opportunities for funding
 - Strengthening local and regional hazard mitigation activities
 - Facilitating the Implementation of regional and local goals and objectives
 - Facilitating and increasing public outreach and education

