North Atlantic Coast Comprehensive Study: Resilient Adaptation to Increasing Risk

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U.S. Army Corps of Engineers

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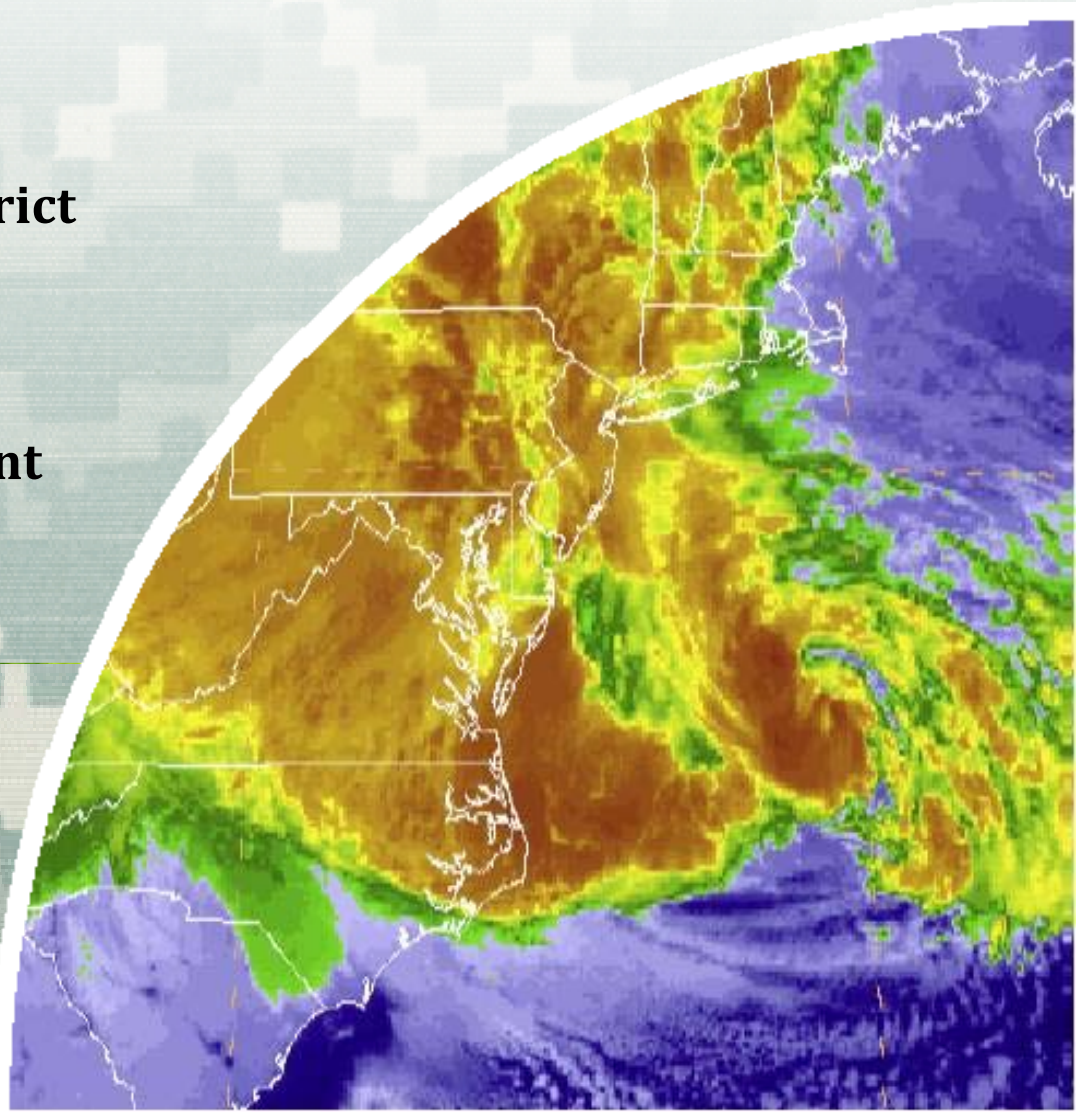

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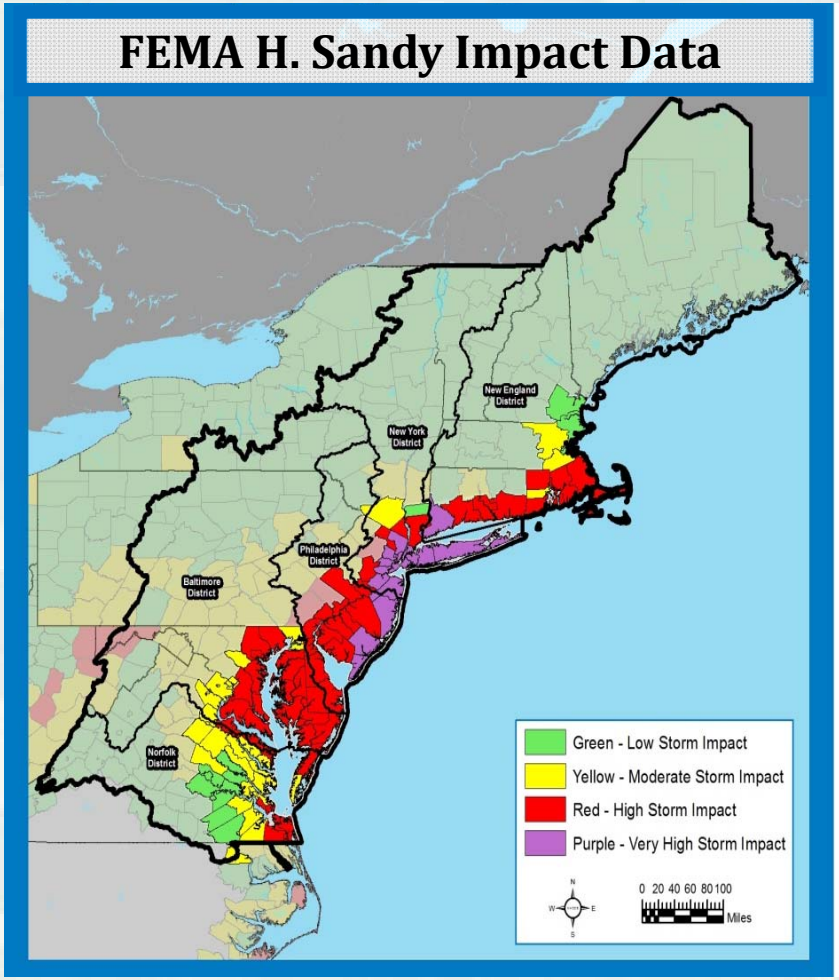
Regional Planning: Reduces Time, Money and Risk



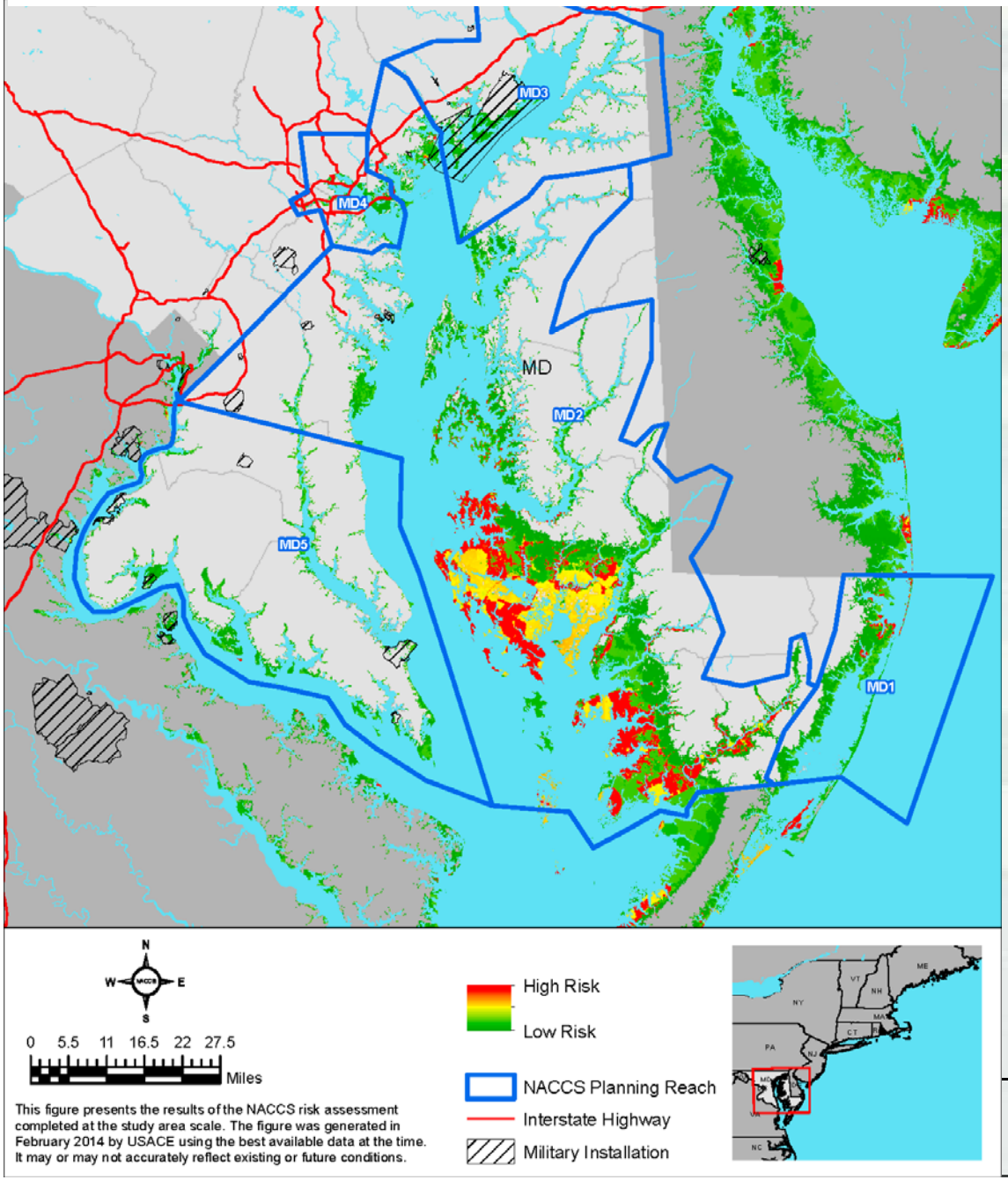
- Framework – consistent & repeatable
- New Tools – close data gaps
- Integration – stakeholder tools and data
- Robust risk-informed decisions….

LEADS TO IMPLEMENTATION!

Regional Planning: Reduces Time, Money and Risk

Shared Responsibility

Regional Planning: Reduces Time, Money and Risk



Coastal Risk Management Framework

Flood Exposure and Risk Analysis

- Population & density
- Socio-economic groups
- Environmental & cultural
- Composite

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Regional Planning: Reduces Time, Money and Risk

Shared Responsibility;
Shared Results

Regional Planning: Reduces Time, Money and Risk

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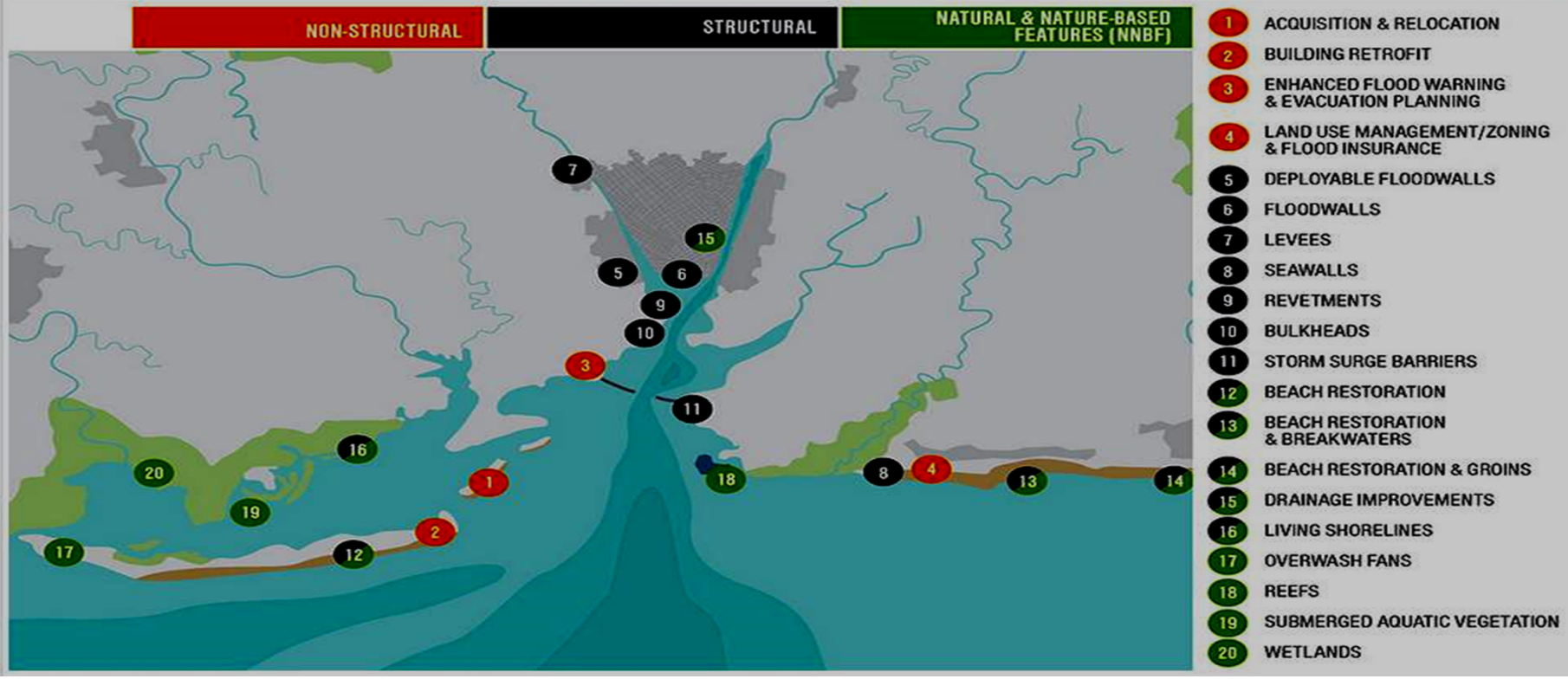
www.nad.usace.army.mil/CompStudy

Quick Clicks: North Atlantic Coast Comprehensive Study Report and Related Documents

NACCS Main Report	Physical Depth Damage Summary
Appendix A	Use of Natural and Nature-Based Features
Appendix B	Conceptual Regional Sediment Budget for North Atlantic Division
Appendix C	Planning Reach Mapbook
Appendix D (State appendices)	Numerical Modeling Simulations
Study Synopsis, January 2015	Institutional and Other Barriers Report
NACCS Stakeholder Webinar | Audio file (.mp3 format)	Environmental and Cultural Resources Conditions Report
Press Release	Barrier Island Sea Level Rise Inundation Assessment Report

A full listing of NACCS files can be found in the left column below, under "Report and Products."

Risk Management Strategies for Coastal Communities

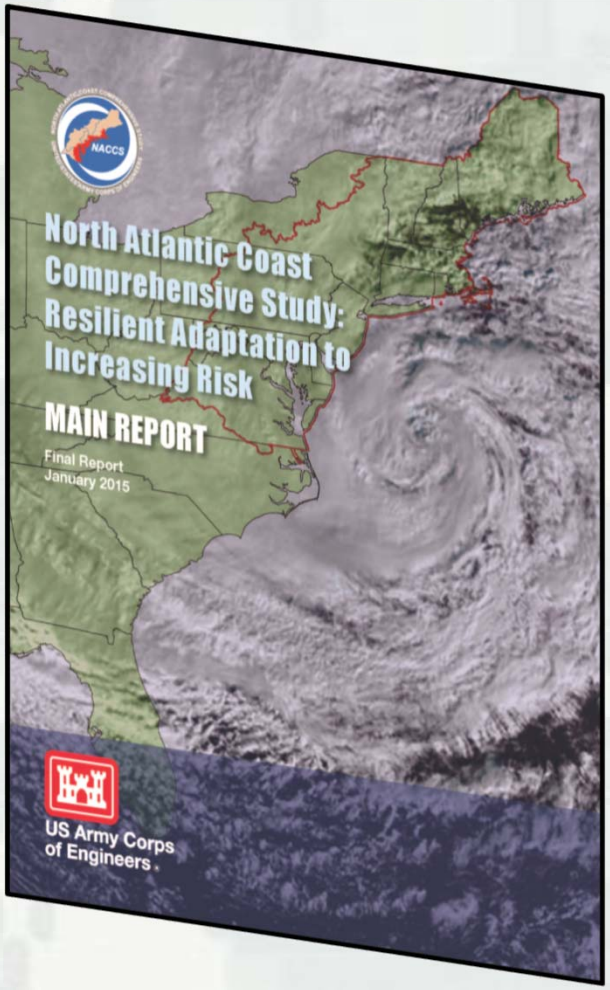


Regional Planning: Reduces Time, Money and Risk

NACCS enables "us" to ACT!

("Us" = all entities with a shared responsibility)

Shared Responsibility;
Shared Results



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Regional Planning: Reduces Time, Money and Risk

"The North Atlantic Coast Comprehensive Study is an unprecedented effort by the U.S. Army Corps of Engineers in collaboration with our partners to develop a coastal plan that considers future sea levels and climate change. The report provides a framework for communities that will arm them for the reality of future extreme weather."

Jo-Ellen Darcy
Assistant Secretary
of the Army for
Civil Works

"Hurricane Sandy brought to light the reality that coastal storms are intensifying and that sea-level and climate change will only heighten the vulnerability of coastal communities. Coastal storm risk management is a shared responsibility, and we believe there should be shared tools used by all decision makers to assess risk and identify solutions. This report provides those tools."

Brig. Gen. Kent D. Savre
Commanding General
U.S. Army Corps of Engineers
North Atlantic Division