Developing Resiliency Along the Coasts: Experiences of the Coastal States

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April Showers Bring May Flowers...

Optimistic Floodplain Management
Section 303. Programs should provide for

(B) the management of coastal development to minimize the loss of life and property caused by improper development in flood-prone, storm surge, geological hazard, and erosion-prone areas and in areas likely to be affected by or vulnerable to sea level rise, land subsidence, and saltwater intrusion, and by the destruction of natural protective features such as beaches, dunes, wetlands, and barrier islands...

(K) ... plans for addressing the adverse effects ... of land subsidence and sea level rise

Includes:
- Coastal Storms and Flooding
- Sea level/Lake level Planning
- Beach and Shoreline Management
NC Statewide Commission
Science Panel on Coastal Hazards
Input for Policy Development

North Carolina

STATE

LOCAL

Emergency Response
Hurricane Irene, Aug 2011
CoastSmart

Statewide effort: identify/implement strategies to protect life and property vulnerable to coastal hazards/climate change.

http://www.dnr.state.md.us/CoastSmart

Assistance to Local Communities

Funding
Technology
Training
Louisiana

STATE

Statewide Comprehensive Master Plan
Nonstructural Solutions
Coastal Louisiana Risk Assessment (CLARA)

http://coastal.louisiana.gov/

LOCAL

Coastal Community Resiliency Index
Community Self-Assessment
Increase Functioning after a Disaster
Annually to Address Changes
Virginia

2008 Climate Change Action Plan for VA
Commission ended 2010

http://www.deq.virginia.gov/

http://www.sealevelrisevirginia.net/

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Coastal Planning District Policies

State

Community Assessments

Protect Existing Facilities

Plan for New Public Facilities

Local
STATE

2012 OR Natural Hazard Mitigation Plan
Interagency Hazard Mitigation Team
OR Partnership for Disaster Resilience
http://csc.uoregon.edu/opdr/

LOCAL

Local Tsunami Evacuation Maps
Generated for each Coastal Community
Challenges for States & Partners

✧ Political Will
✧ Funding
✧ Competing Priorities
✧ Access to Data, Technology
✧ Jurisdiction
✧ Coordination
Coastal States Organization

Policy to Support Coastal States and Territories to Adapt to Climate Change and Advance a Coordinated National Climate Adaptation Strategy
October 17, 2011

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