

Fostering Community Resilience

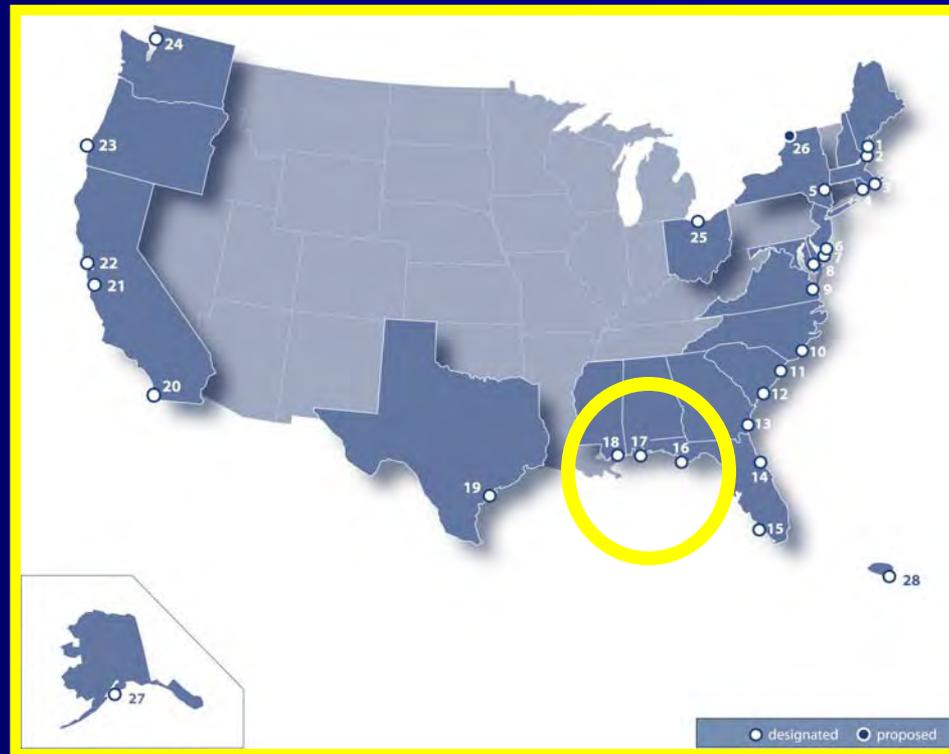
Coastal No Adverse Impact: A Case Study From the North-Central Gulf Coast NERRs

**Annual Ocean and Coastal
Program Manager's Meeting**

**Washington, DC
February 26, 2008**

Participating NERRs

Location



Target Audiences

- **City Council**
- **City Managers (and staff)**
 - **Building Inspectors**
 - **Floodplain Managers**
 - **Public Works**
- **County BOS**
- **Mayors**
- **Planners**
- **Volunteers on Decision-Making Boards**



Target Issues

Wetland Protection/ Management

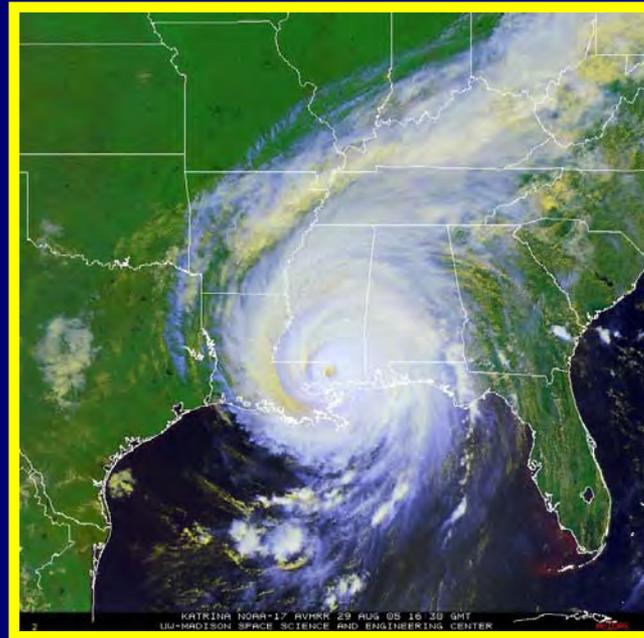
- **Building Codes**
- **Erosion Control**
- **General Land Planning**
- **Recreational Use**
- **Sustainable Development**

Water Resources (Supply and Quality)

- **NPS Pollution**
- **Point Source Pollution**
- **Septic System Issues**
- **Storm Water Management**
- **Watershed Management**

Emerging Issues

Coastal Hazards/Resiliency



Moving from this...



To this...



Coastal No Adverse Impact

Partners:

- **The Association of State Floodplain Managers (ASFPM)**
- **County Extension Programs**
- **National Estuarine Research Reserve (GNDNERR)**
- **National Oceanic and Atmospheric Administration (NOAA)**
 - **Coastal Services Center (CSC)**
- **Regional Planning Commissions**
- **State Coastal Zone Programs**
- **State Emergency Management Agencies**

Elements of NAI

- Hazard Identification and Mapping
- Land Use Planning
- Regulations and Development Standards
- Mitigation
- Infrastructure
- Emergency Services
- Education and Outreach

Benefits of NAI

- Reduce flood losses and associated costs (over time);
- Reduce likelihood that actions will increase flood damage to others;
- Reduce lawsuits;
- Reduce flood insurance premiums through CRS;
- Protect natural resources.

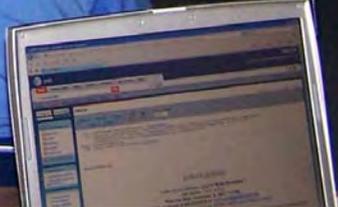
Audiences and Approach

- Building Officials
- Emergency Managers
- Engineers
- Environmental Nonprofits
- Floodplain Managers
- Local Elected Officials
- Natural Resource Managers
- Planners and Planning Commissioners
- Realtors and Developers





Watershed changes







Evaluation Results

- 100% of respondents said knowledge of NAI increased.
- 97% will apply knowledge to their work.
- 97% will apply new perspectives in their work as a result of the training.

Requests for Additional Training

- Flood map interpretation
- Land use planning
- Floodplain regulations and guidelines
- More NAI

Keys to Success

- Local Experts
- Local Case Studies
- Small Group Activities (application of materials)

On-Going Resiliency Efforts

Workshops

- Conservation Planning
- Coastal Inundation
- Land Use Planning
- Living Shorelines
- Low Impact Development



On-Going Resiliency Efforts

Other Activities:

- Gulf of Mexico Alliance Resiliency Workgroup
- Risk-Wise Partnerships

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