



NOAA's Gulf Coast Services Center



**Gulf of Mexico Program
Management Committee
Meeting 7/8/08**

**Todd Davison
Gulf Coast Service Center**



NOAA Coastal Services Center
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

CSC--Who are we?

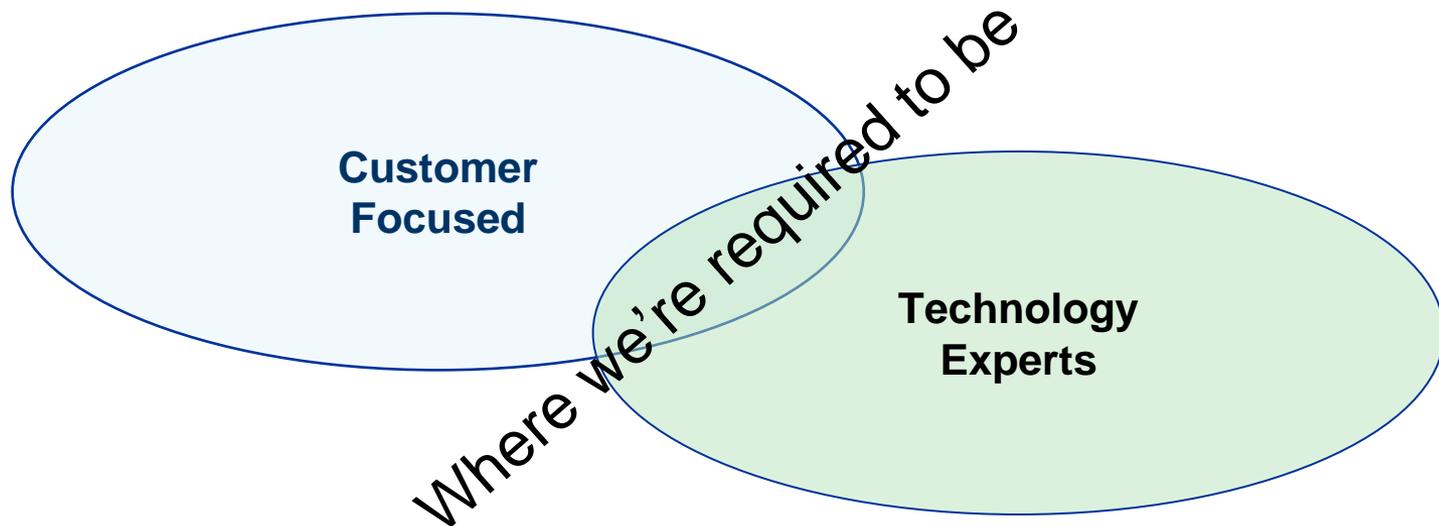


- **Began in 1995**
- **Developed to address needs in coastal management community**
- **Service oriented facility**
- **Collaboration across NOAA organizational boundaries**
- **Location: Charleston SC (Navy Base)**

Role of the Programs

Acting as the “Middle-man”

- **Must know the customer as well as the technology (have to straddle the fence)**
- **Effectively “buying down the cost/risk” for coastal resource management community**





NOAA Gulf Coast Services Center

The six regions are:

- Pacific
 - West Coast
 - Mid-Atlantic/Chesapeake Bay
 - **Gulf of Mexico**
 - New England
 - Great Lakes
- Center employees in each region help cultivate a sense of community and an appreciation for the physical and social characteristics of each region while accomplishing the Center's goals and objectives.





GSCS Activities

- **Needs Assessment**
- **Coastal Storms Program**
- **GOMA Support**
- **GOMA Grants**
- **Resiliency Pilots**
- **Training and Facilitation**
- **NGI Collaboration and Science Coordinator**
- **SG, NASA, NERR, GCOOS, other Partnerships**
- **NOAA Regional Collaboration**





GSCS Staff

Todd Davison

- **Management**
- **NOAA regional collaboration**
- **Partnership Development**
- **GOMA (Grants, AMT support and Resilience)**
- **NGI Advisory Council**





GSCS Staff

Becky Allee

- **CEMECS**
- **GOMA (Habitat ID)**
- **NASA Coordination**
- **HRI and TNC Coordination**
- **IEA in GoMEX**





GSCS Staff

Heidi Recksiek

- Resilience Issue Team
- GCSC Needs Assessment
- Facilitation
- Human Dimensions in GoMEX
- Apalachicola NERR (duty station)





GSCS Staff

Ann Weaver

- **GOMA Education (EEN)**
- **Training and Process TA in GoMEX**
- **NERR CTP Advisory Comm.**
- **Facilitation**
- **Strategic Planning**





GSCS Staff

Tina Sanchez

- **Coastal Storms Program**
- **GOMA (Resiliency)**
- **CARP and Mobile Resiliency Pilots**
- **Hurricane Recovery**
- **GOMA Grants**
- **Inundation**





GSCS Staff

Management & Budget Vacancy

- **Contracts, Grants**
- **GoMEX Fiscal tracking and reporting**
- **GOMA Grants**
- **Position to be advertised very soon**





GSCS Staff

NGI Science Coordinator Vacancy

- **Shared position with NOAA/ OAR**
- **NGI Coordination with NOAA GoMEX**
- **Transition for science to operations**
- **Promote needs based research**
- **NGI coordination with other federal research institutes**
- **Position to be advertised in August**





GSCS Staff

Sea Grant Outreach Specialist Traci Sempier

- **Coastal Storms Program outreach and coordination**
- **MS/AL SG Employee**
- **Duty Station GCRL--Ocean Springs**





Gulf Coast Services Center Needs Assessment



NOAA Coastal Services Center
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY



Methodology

- 1. One-NOAA Steering Committee established**
- 2. Target audiences identified**
- 3. Literature review conducted**
- 4. 2006 CSC Customer Survey results analyzed**
- 5. Five Focus groups held with key audiences**
- 6. Over 70 interviews conducted**
- 7. Data analyzed and assembled**





Organization of Results

- 1. Needs to support and foster an ecosystem-based approach to the management of coastal resources**
- 2. Needs to increase community resiliency to coastal hazards**
- 3. Data and technology needs**
- 4. Communication and coordination needs**





Two Cross-cutting Needs

- **Coordination and communication**
 - Regional customers need help keeping track of the myriad of entities, projects, and resources in the Gulf.
 - They also need help facilitating better coordination across local, state, regional, and federal parties.
- **Product Delivery**
 - Delivery of products and services is as important as development.
 - More outreach, training, and technical assistance are needed to ensure that NOAA's information and tools are truly useful on the ground.





Mobile Bay

Creating a strategic framework for regional growth & resiliency

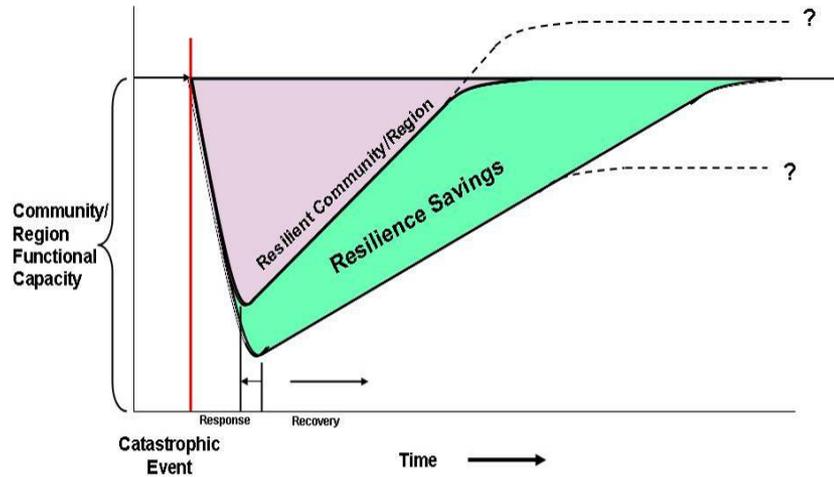
REGION

REGIONAL FUTURES

Resiliency

The 12 systems that are being examined through this project are vulnerable to many stressors. "Stressors" are perturbations to a system that are either (a) foreign to that system or (b) natural to the system but applied at an excessive [or deficient] level (Barrett et al. 1976:192). Stressors cause significant changes in ecosystem components, patterns and processes. The systems are also highly interdependent and any perturbation in one system can have significant impacts on other systems. For example, the loss of electrical grids can hamper the recovery of the economy, hospital services and other activities/systems in the region.

Resilience is the ability of systems to withstand perturbations and bounce back to normalcy. A more resilient community will bounce back quicker and suffer less economic damage, environmental damage, and social disruptions than a community that is not resilient. As can be seen in the graph...





Sheltering Communities from Coastal Storms

NOAA Coastal Storms Program



1. ADCIRC GRID CATALOGUE

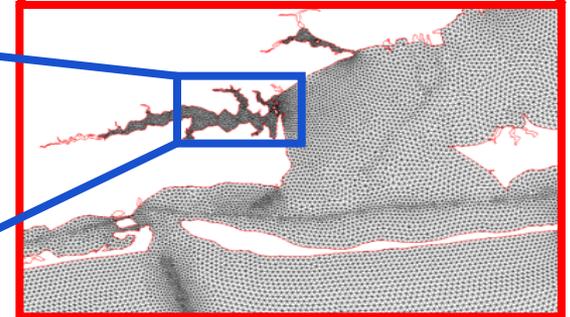
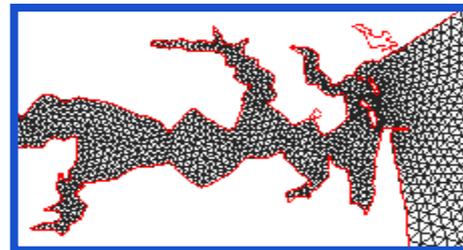
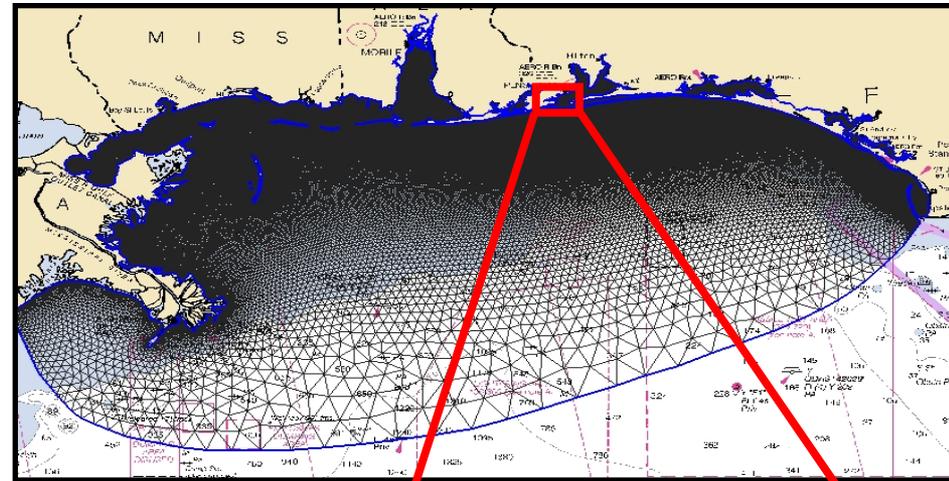
2. PASCAGOULA RIVER STORM SURGE / FLOOD MODELING

Gulf of Mexico Investments

Outreach and Education

Partnership Development

Data Management



NOAA GCSC--On the Horizon

- **FY 09 GOMA Grants**
- **FY 09 Coastal Storms Program Budget**
- **Rewrite of GOMA Gov's Action Plan**
- **NOAA Disaster Response Center in Mobile**





GOMA Grants Cooperative Agreements

- **\$4.9M Appropriation FY 08**
- **Purpose: Implementation of Action Plan Items**
- **34 LOIs**
- **11 Encouraged to Submit Proposals**
- **10 Proposals Submitted**





GOMA Grants

- **8 Proposals Funded—6 Awards**
 - **EEN--DISL**
 - **Restoration—GoM Foundation**
 - **Resilience—MS DMR**
 - **Water Quality—FL DEP**
 - **Habitat ID—HRI**
 - **Nutrients—MS DEQ**





GOMA Grants--Status

- **All awards have been accepted**
- **Period of Performance Oct. 1**
- **States incur costs as of Oct. 1**





GOMA Grants

- **FY 09 Senate Mark = \$5M**
- **No re-competes (multi-year awards)**
- **Workshop--CCTX Aug. 18th**





GOMA Grant Activities

- **Hire State Staff**
- **Build State Capacity**
- **Implement Items in Action Plan**
- **Propose and Implement Items in New Action Plan**





Questions?