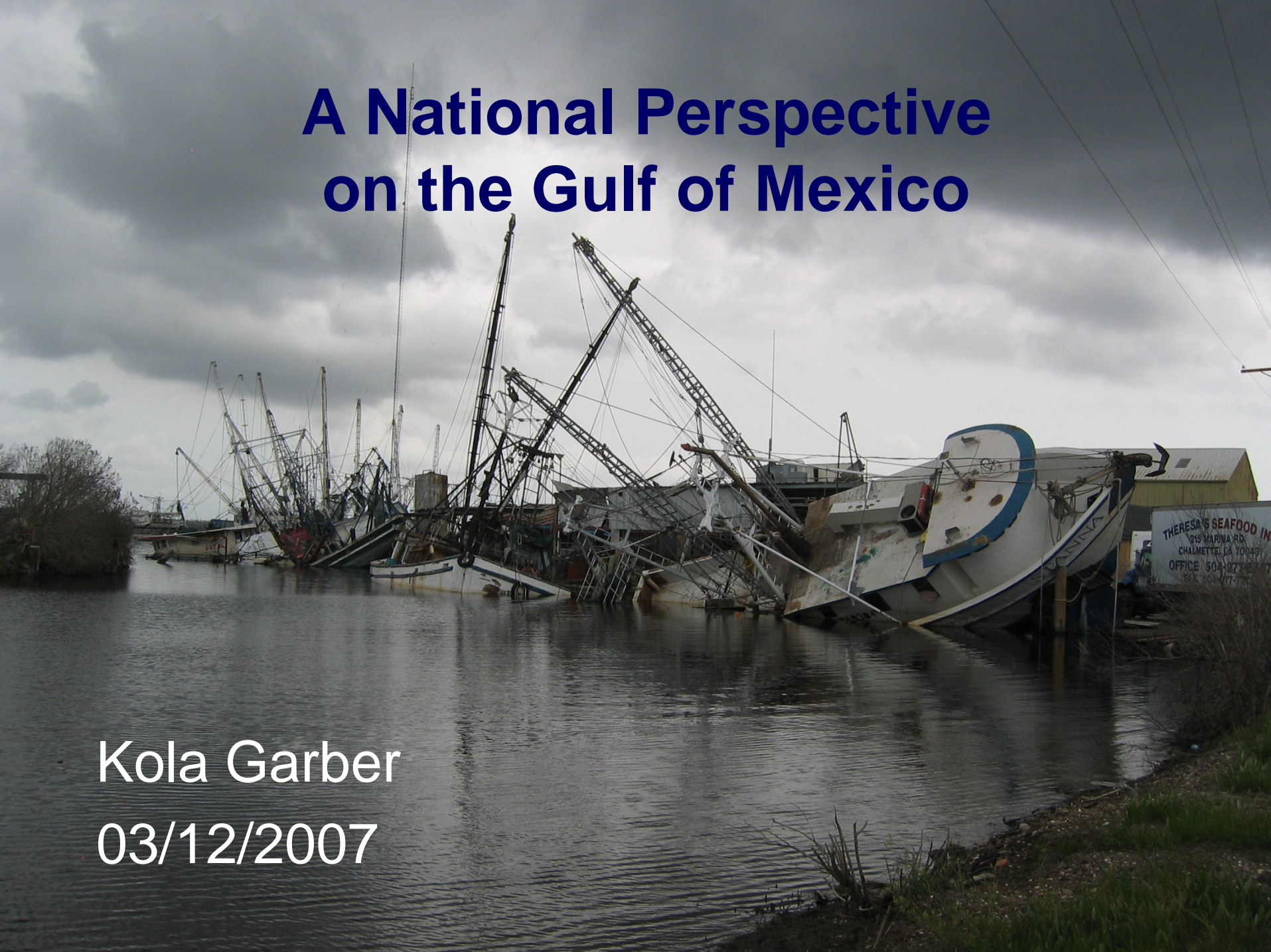


A National Perspective on the Gulf of Mexico

Kola Garber
03/12/2007

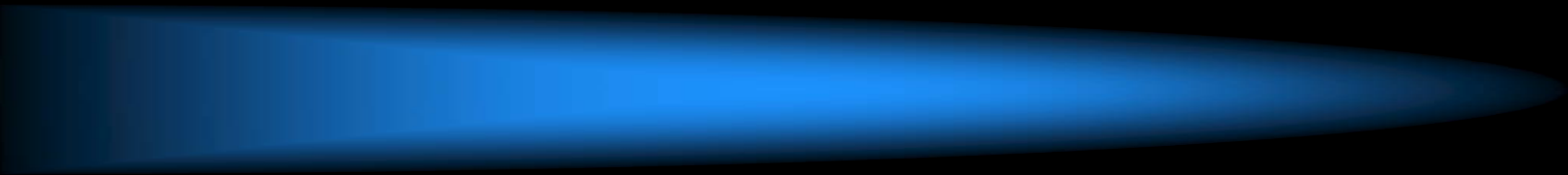


Topics

- Who is Kola?
- Budget and NSI Update
- State of the Gulf
- Extension Update
- New and Revitalized Initiatives
- NOAA Sea Grant Updates
- What can we do?

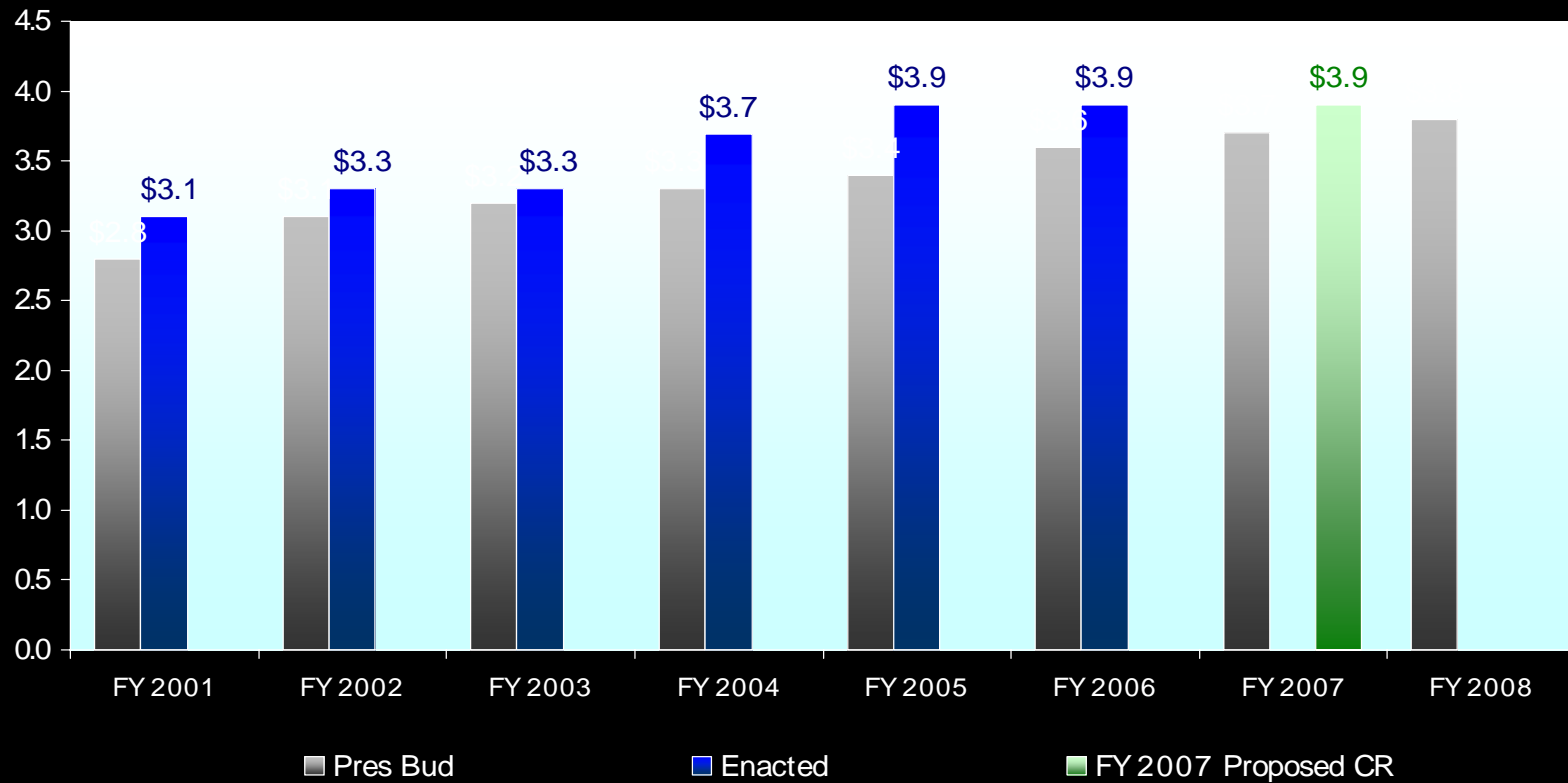


Budget and NSI update



NOAA Budget Trends

(\$ in billions)



FY 07 Continuing Resolution

- Joint Resolution 20 signed into law on February 15th, 2007
- Funds the Federal government through September 30th, 2007
- Joint Resolution provides NOAA with continued funding at the FY06 Enacted level (\$3.9 billion)
 - ◆ Possible small upward adjustments to some items
- FY 2007 spending plan is still under development



Budget

- FY2006 – funding was \$54.7, down \$7.2M from FY2005
 - ◆ Core funding held virtually intact by:
 - Reducing NSI's
 - Shifting start dates
 - Eliminating bonus funds (but maintaining merit pool)
 - **One-time fix**
- FY2007 – President's request was \$54.8M, a small increase from FY06
 - ◆ Level funding will mean cuts to core programs, NSIs
 - ◆ NOAA process will play out over next few weeks
 - ◆ *Core programs will be protected as much as possible*
 - ◆ *Programs will be given flexibility to respond*
 - ◆ *Ongoing commitments will be honored* – fisheries extension, regional planning, invasive species
- FY2008 – President's request is \$54.9M, a small increase from FY07

FY 2008 Budget Context

- NOAA Services Crucial to Our Nation's Competitiveness
- Increasing Need to Preserve Ocean and Coastal Resources
- Severe Weather Impacting Our Economy and Public Safety
- Understanding Climate Change to Manage Resources Better
- NOAA Environmental Information Key to Millions of Decisions
- Fiscal Environment Requires Careful Resource Decisions



FY 2008 Budget Highlights

- Request of \$3,815.4M is \$131.3M or 3.4% above the FY 2007 President's Budget
- Request is \$96.1M or 2.5% below the FY 2006 Enacted Level
- Reflects the Administration's Guidance on Discretionary Spending
- Supports Core Mission Services
- Includes \$51.5M for Adjustments to Base and \$79.9M in Program Increases
- Supports President's U.S. Ocean Action Plan



National Strategic Investments (NSIs)

2007 Update

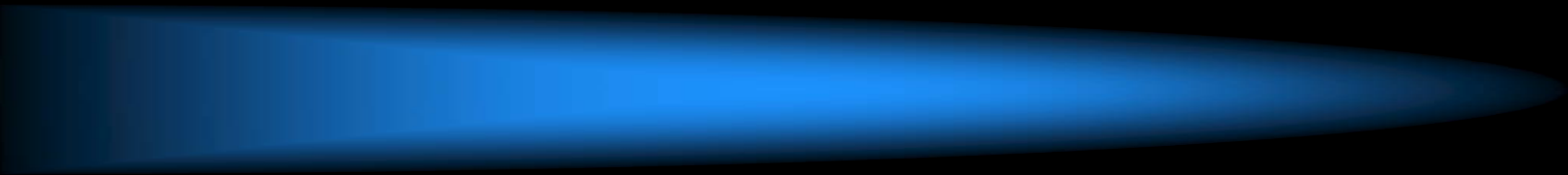
- Aquatic Invasive Species
 - ◆ Anticipated about \$250K
 - ◆ Regional priorities
 - ◆ 52 Preproposals, 10 Full Proposals
- Oyster Disease Research
 - ◆ Anticipated about \$1M
 - ◆ 33 Preproposals, 19 Full Proposals
- Gulf of Mexico Oyster Industry
 - ◆ Anticipated about \$1M
 - ◆ 33 Preproposals, 20 Full Proposals

2007 NSI Update

- Next steps

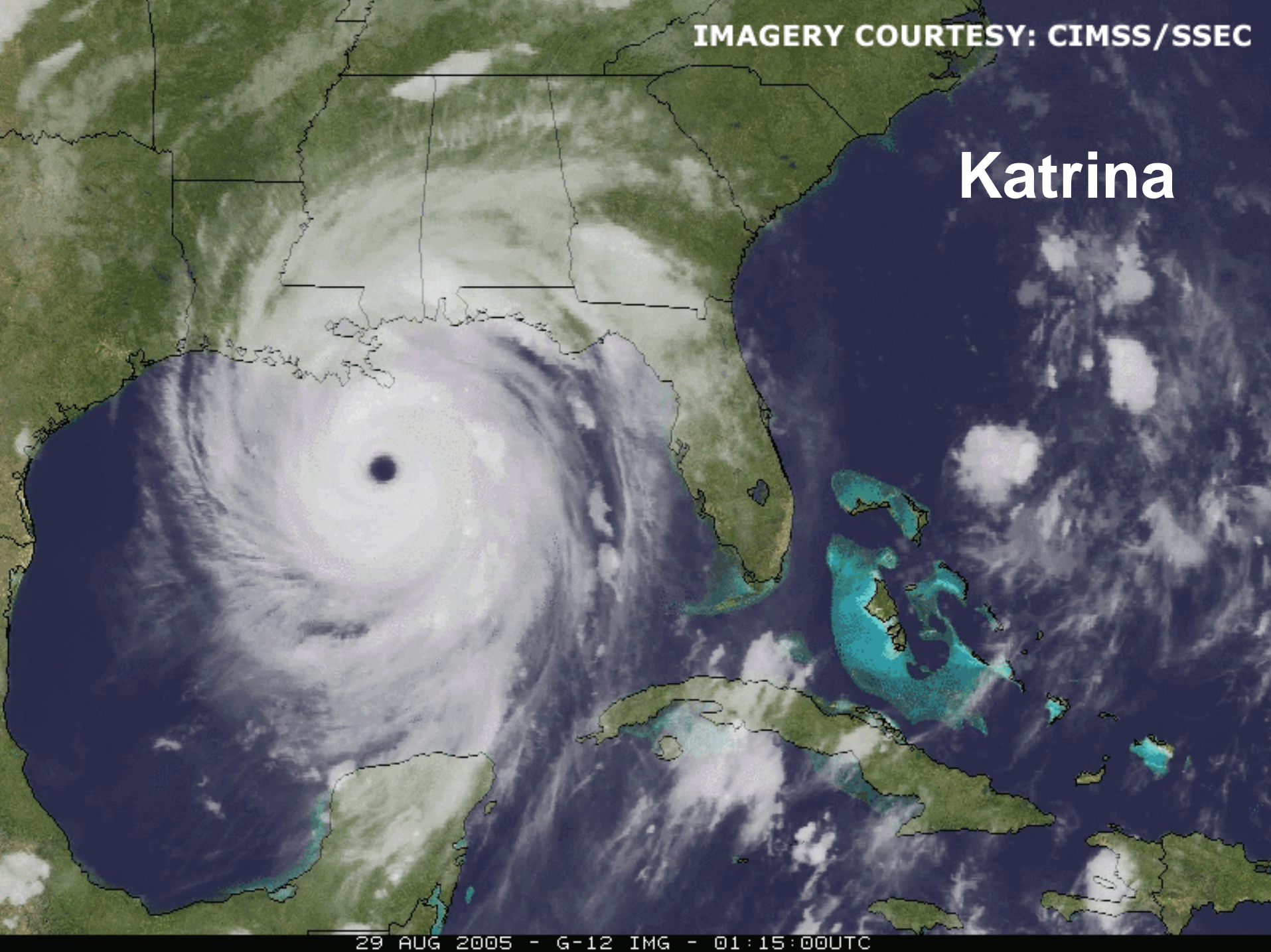
- ◆ Full Proposal Technical Review Panels
April
- ◆ Determination of available funding
by April?
- ◆ Funding decisions
May?
- ◆ Awards
September (if funds)
early next FY (if no 2007 funds)
- ◆ 2008 Follow-up
further awards?

State of the Gulf



IMAGERY COURTESY: CIMSS/SSEC

Katrina



29 AUG 2005 - G-12 IMG - 01:15:00UTC

Hurricane Rita

September 23, 2005

10 PM CDT Friday

NWS TPC/National Hurricane Center
Advisory 26

Current Center Location 29.1 N 93.2 W

Max Sustained Wind 120 mph

Current Movement NW at 12 mph

● Current Center Location

● Forecast Center Positions

H Sustained wind > 73 mph

S Sustained wind 39-73 mph

D Sustained wind < 39 mph

▮ Potential Day 1-3 Track Area

■ Hurricane Warning

■ Tropical Storm Warning



7 PM Mon

7 PM Sat

10 PM Fri

True at 30.00N
SM 125 250 375 500

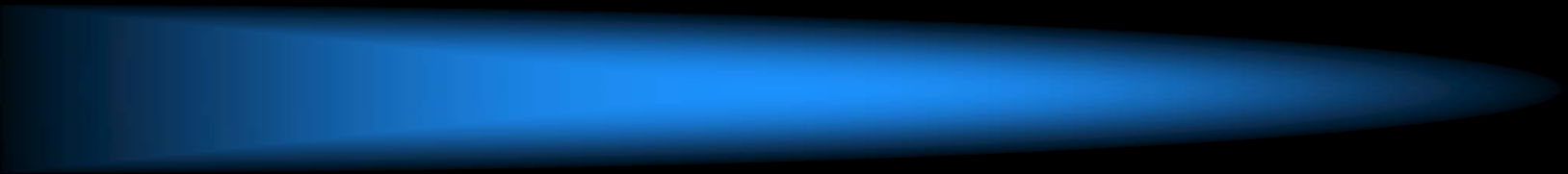
Approx. Distance Scale (Statute Miles)



State of the Gulf

- New Environment
- Ripe for Change
- Numerous New & Revitalized Initiatives
 - ◆ Funding
 - ◆ More Work / Different Work

Extension Update



April 2006



April 2006



Collaboration with FEMA, U.S. Coast Guard, Shell Oil Company and other Sea Grant Programs – Plaquemines Parrish ready for 2006 shrimp season



September 2006



Sea Grant/FEMA Partnership

- SG/FEMA partnership support letters from LA
- Beltway Brown Bag
- FEMA leadership discussions
 - Mitigation and Prevention
 - Preparedness and Training
 - Response and recovery
- Regional prototype, Region VI
- If successful, propose national program

Fisheries Extension Enhancement

- 18 currently funded projects
- 5-year commitment beginning with FY 04 funds
- Start dates – May 1, 2004
- End dates – April 30, 2009
- Review FEE Program in Year 4 (Fall 07)
- Involve network
- Decisions inform FY 09 budget

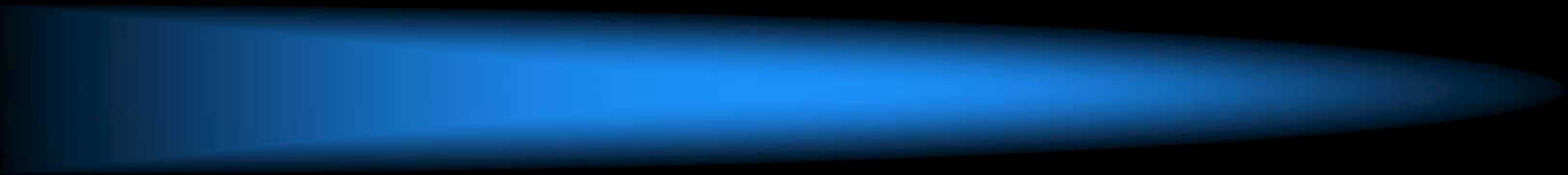
Next Steps/Decision Points

- Continuation of the FEE program?
- Extend existing funding?
- Begin new competition?
- NMFS support?

Climate Science and Services: Coastal Applications

- 96% of SG Extension Leaders indicated need for more climate outreach in state
- Extension Position in Carolinas
- Extension workshop April 10-12
- Competition

New and Revitalized Initiatives



Ocean Research Priorities Plan

- Released January 2007
- Societal themes – all related to Sea Grant
 - ◆ Stewardship of natural and cultural ocean resources
 - ◆ Increasing resilience to natural hazards
 - ◆ Enabling marine operations
 - ◆ The ocean's role in climate
 - ◆ Improving ecosystem health
 - ◆ Enhancing human health
- “Opportunities for Progress” – common scientific and technical threads
 - ◆ Observing systems
 - ◆ Models
 - ◆ Information to support decision-making
 - ◆ Establishing an ocean-literate nation

Supporting the U.S. Ocean Action Plan

U.S. Ocean Action Plan & Potential Relevance to Sea Grant



(\$ in millions)

	<u>Request Amount</u>	<u>Program Change</u>
Integrated Ocean Observing System	\$16.4	+\$16.4
Aquaculture Program	\$4.1	+\$3.0
Limited Access Privilege Programs	\$6.0	+\$6.0



Coastal and marine waters generate over \$63B annually in goods and services

Sea Grant's Role

- Positives

- ◆ Increased notice of Sea Grant activities
- ◆ Resilient communities – Sea Grant's infrastructure
- ◆ Regional planning
- ◆ OMB attention (!)

- Negatives

- ◆ Sea Grant's budget
- ◆ Overall NOAA budget –“Hunker-down” mentality

- Where is NOAA going?

- ◆ Regional
- ◆ Observation Systems
- ◆ Resilient communities
- ◆ Ecosystem Approaches to Management
- ◆ Aquaculture
- ◆ Outreach and Education

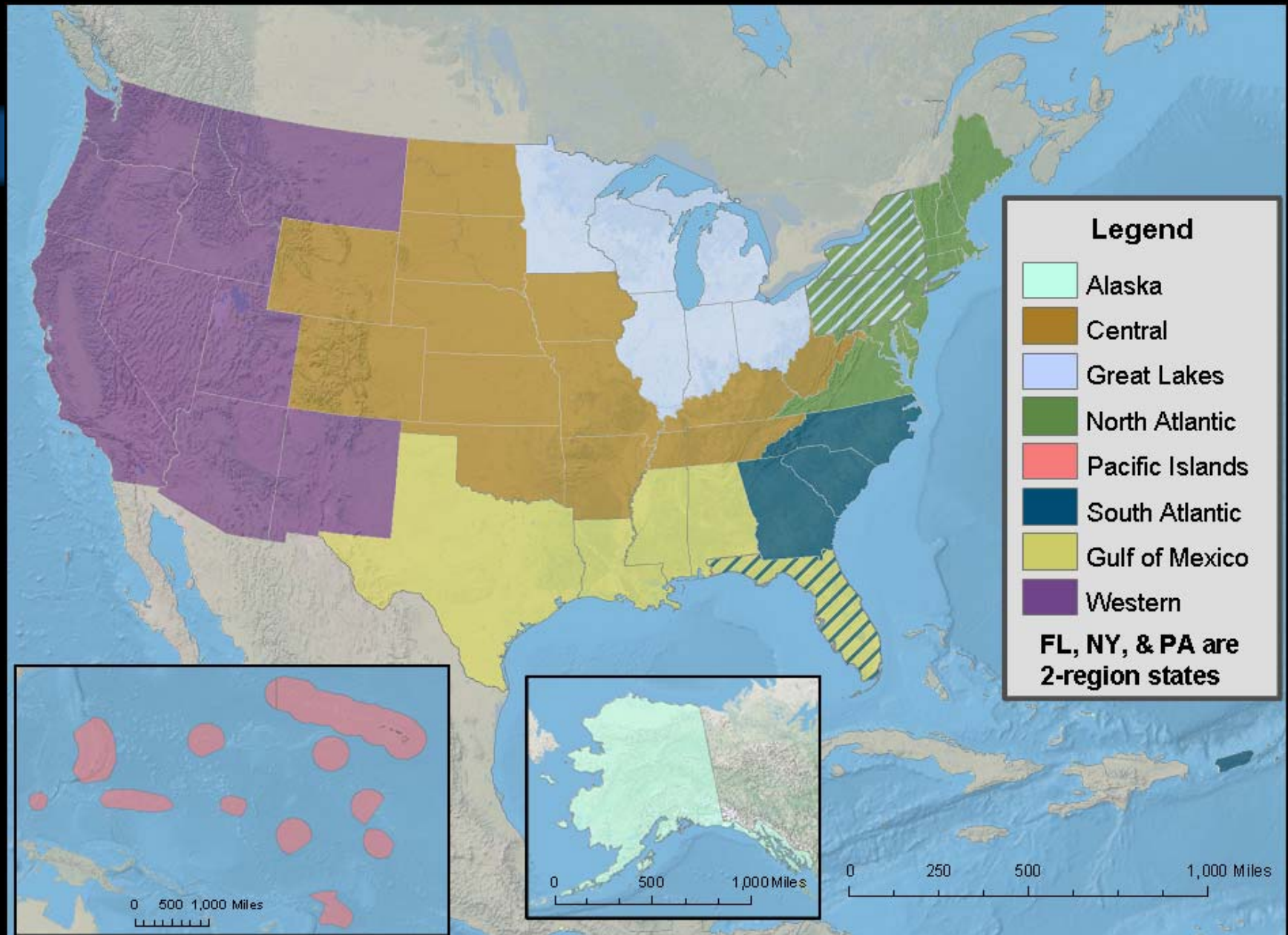
What is a Regional Approach?

- Recognition that there are issues in between local and national
- Buzz outside and now inside NOAA
- An inconvenient truth – Regions should be defined by the scale of the issue
- But they almost never are

Regional Research & Information Planning

- Opportunity !!
- First group of eight regions started last summer
 - ◆ Three remaining regions
 - ◆ “Buy-in” is the key – bring others into the process
 - ◆ Local and regional stakeholders, state government
 - ◆ Fishery management councils, regional obs associations, CZM
- These are regional plans – not Sea Grant plans for the region, not regional plans for Sea Grant
 - ◆ That message needs to be emphasized (see “buy-in”)
- Spring workshop – share ideas, BMPs, bring NOAA into the loop

NOAA's Regional Framework



What are the Goals of Regional Collaboration?

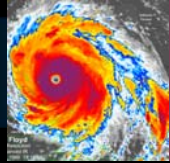
Improvements in...

- Services for the benefit of NOAA's customers
- Value and productivity of partnerships
- Stakeholder relations and support

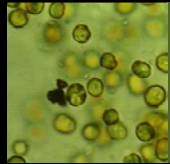
Success will be measured by NOAA's ability to advance the work of the agency toward these goals.

- Visibility and value of the NOAA brand

Regional Collaboration Focuses NOAA Efforts



Hazard Resilient Coastal Communities

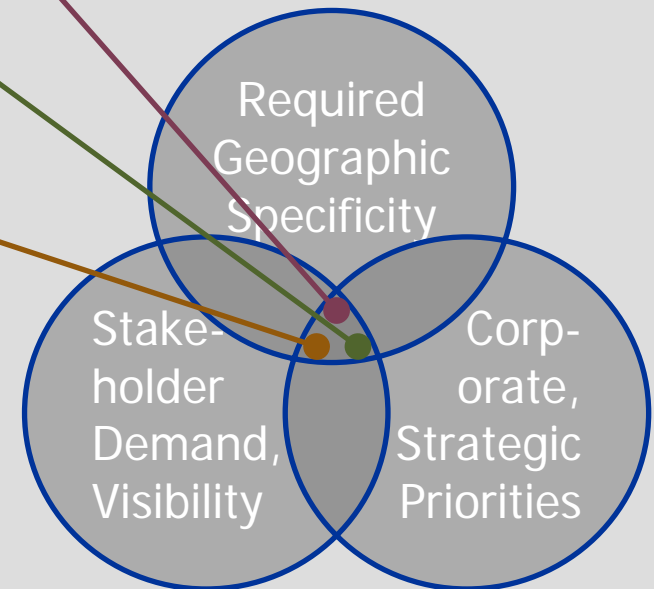


Integrated Ecosystem Assessments



Integrated Water Resource Services

These programmatic priorities are at the intersection of:



All three service categories are execution priorities for Fiscal Years 2007-2008.

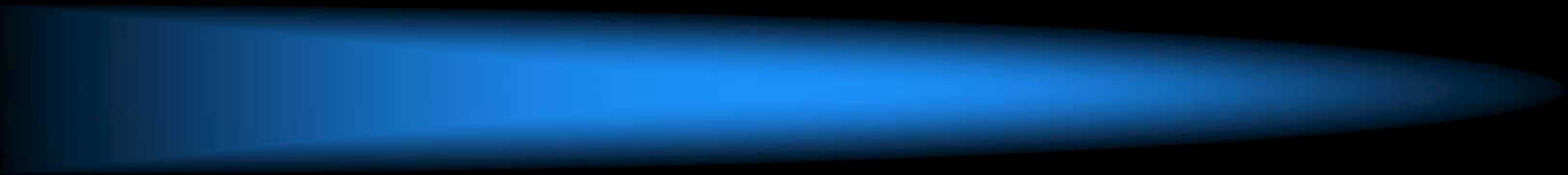
Sea Grant's Role in NOAA's Regional Approach

- Stakeholder involvement
- Regional Research and Information Plans
- Community Resilience
- Regional and Ecosystem Assessments
 - ◆ Stakeholder engagement
 - ◆ Need for socioeconomic data and tools – a Sea Grant niche?
- IOOS / GOOS
 - ◆ Extension / education role for Sea Grant
 - ◆ Research role – Socioeconomic data and tools?
- Environmental Literacy / Stewardship

New & Revitalized Initiatives - GOM

- GOMEX
 - ◆ Federal Working Group (Swann/Garber)
 - ◆ Education WG (Yokel)
 - ◆ PHINS
- Gulf Cooperative Institute
- Gulf Coastal Services Center
- NOAA Gulf Working Group
- GOM Coastal Storms Pilot Program
- NOAA Regional Efforts

NOAA Sea Grant Updates



NRC Evaluation of Sea Grant's Program Review Process

- **Implications**

- ◆ “One Sea Grant”
- ◆ Strategic Planning
- ◆ Reauthorization
- ◆ NSGO staffing
- ◆ Role of Review Panel

- **Development of new processes for planning and evaluation**

- ◆ Overall responsibility – Response and Integration Team
- ◆ Working groups – Evaluation, Strategic Planning, NSGO Operations

Sea Grant Reauthorization

- ◆ Existing legislation is sound
- ◆ Administration will prepare a bill – goal is network consensus
- ◆ Some areas for discussion include:
 - Program evaluation and ranking
 - Integration of local, regional, and national priorities
 - Matching requirements
 - Administrative requirements and resources
 - International

Funding Passthrough Policy

- NSGO assessing administrative fee for processing through Grants Online:
 - \$2,000.00 or 1 percent—whichever is greater—up to \$10,000.00 per grant.

Knauss Fellowships

- Application Deadline (via Grants.gov):
April 5, 2007
- Number of Applications
 - ◆ Cap lifted to 6 per program (from 5)
- Legislative or Executive specification
 - ◆ Specify in letter of recommendation (note “either” if suited to both)

NSGO Reorganization

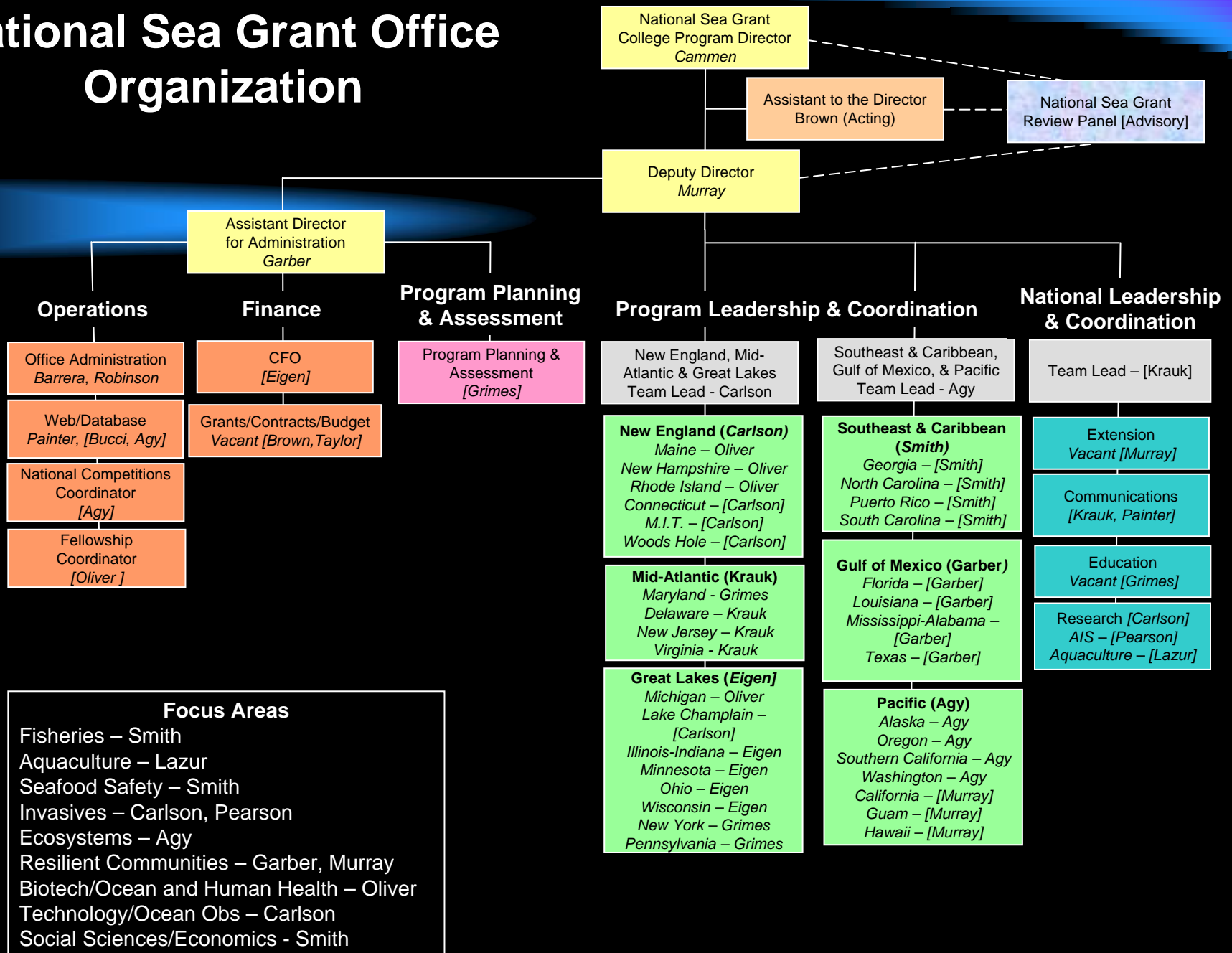
- Role of NSGO
 - ◆ To bridge the national with the local
 - ◆ Leadership
 - ◆ Oversight
 - ◆ Keep the trains running
- Why reorganize?
 - ◆ To better suit the vision for the NSGO role
 - ◆ To facilitate enhanced interaction with Sea Grant Programs
 - ◆ To better deal with limited resources and staff
 - IPAs: Sharon Walker (Education); Ralph Rayburn (Extension); Andy Lazur (Aquaculture)

NSGO Reorganization

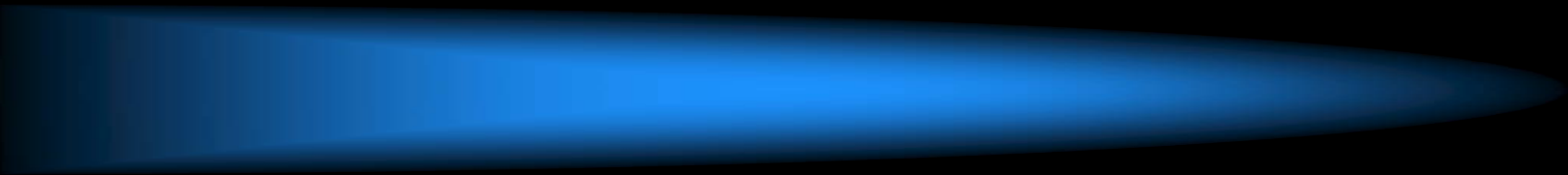
Program	Budget	No. of FTEs & contractors
OCRM	\$158M	109
Climate Program Office	\$98M	53
Ocean Exploration/NURP	\$18M	32
Office of Education	\$34M	25
Sea Grant Office	\$95M	16

-
- FY05 – 23 FTEs, NOAA Admin Budget – \$3.1M
 - FY06 – 16 FTEs, NOAA Admin Budget – \$2.8M
 - 30% fewer FTEs, 10% budget reduction
 - Who pays for the NSGO staff?
 - ◆ Sea Grant appropriation – 11 FTEs, 1 contractor
 - ◆ NMFS – 1 FTE
 - ◆ Reimbursements – 2 FTEs and 1 contractor

National Sea Grant Office Organization



What can we do?



Partnerships

- We are resource limited – partnerships are the key
- All levels – local, state, regional, Federal
- NOAA – Fisheries Extension, Climate Program, Coastal Programs
- EPA – Smart Growth, CCD
- FEMA
- COSEE (with NSF)
- Regional planning
- Others?

What can NOAA Sea Grant do for you?

- Help spread your stories to the decision makers (oar.sg.news@noaa.gov)
- Catalyst to help you do your job
- Keep you out of the bureaucracy
- Facilitate 2 way communication

Questions?

