The background of the slide is a photograph of ocean waves, showing white foam from the crests of the waves against a deep blue sea. The text is overlaid on this image.

# **Update on NOAA Implementation of Regional Integrated Ocean Observing Systems**

**Mary Culver**

**NOAA Coastal Services Center**

**February 27, 2008**

**GCOOS Annual Meeting**

# Abbreviated NOAA IOOS History

**2002 - 2006**

Coastal Observation Technology Systems earmarks

**2003 - continuing**

Regional Association support

**2007**

Transition to competitive funding for Regional IOOS

NOAA IOOS Program Office established

Regional IOOS in President's FY2008 budget



# NOAA IOOS Updates

2008

IOOS Strategic Plan

NOAA IOOS Strategic Plan

Data Integration

Regional Association Support

Implementation of Regional IOOS



**NOAA Coastal Services Center**  
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

# **NOAA IOOS Program Office**

**Director – Zdenka Willis**

**Regional Coordinator – Gabrielle Canonico**

NOAA IOOS – NOAA CSC: Partnering to implement the regional coastal component of IOOS

- 1:** Improve access to high-quality, integrated data.
- 2:** Enhance data products and decision-support tools.
- 3:** Support NOAA and regional ocean observation capability.
- 4:** Establish a functional management structure
- 5:** Develop and implement cohesive NOAA IOOS Program planning.
- 6:** Maximize societal and economic benefits of IOOS through targeted research, education, and training.
- 7:** Coordinate communications for NOAA's implementation of IOOS.

# NOAA Data Integration Framework

Establish the technical infrastructure, standards, and protocols for 5 IOOS core variables:

- Temperature
- Salinity
- Currents
- Water level
- Ocean color

**In 4 thematic areas:**

- Hurricane Intensity
- Coastal Inundation
- Harmful Algal Blooms, and
- Integrated Ecosystem Assessment.

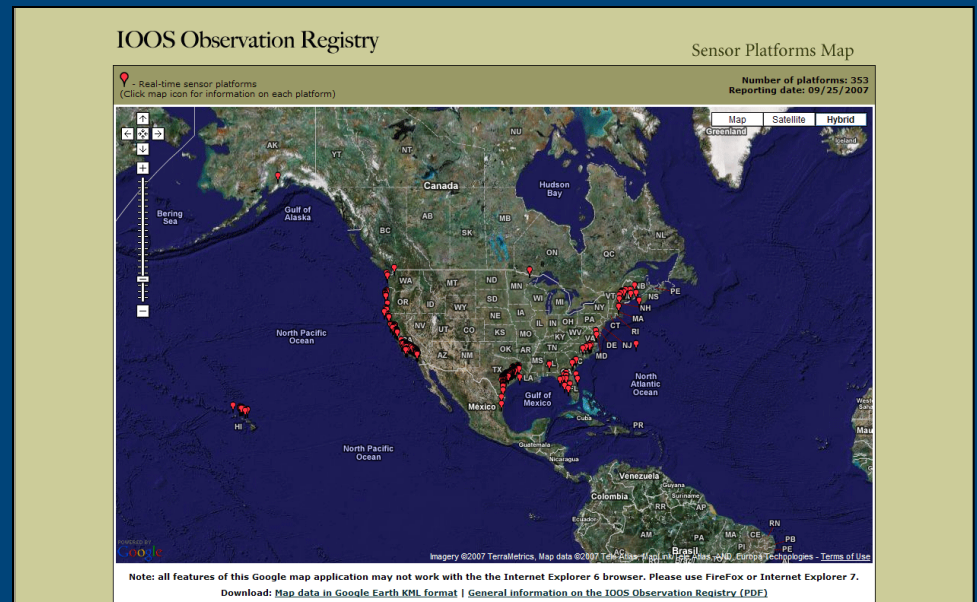
# Regional Data Integration

Data Management and  
Communications  
Chair – Anne Ball

Workshop in  
February 6 – 7, 2008  
Discuss process to implement  
standards for

- Data content
- Data transport
- Quality control

[www.csc.noaa.gov/ioos/08GranteesWorkshop/](http://www.csc.noaa.gov/ioos/08GranteesWorkshop/)



# Regional Coastal Component

Regions are largest investment

- \$21.5M to regions in FY07
- \$18.3M to regions in FY08
- \$14.5M in FY09 President's budget



# **FY08 Regional IOOS Investments**

## **Regional IOOS Development**

- 17 continuing projects

## **Regional Association Support**

- Recommendations for 11 awards

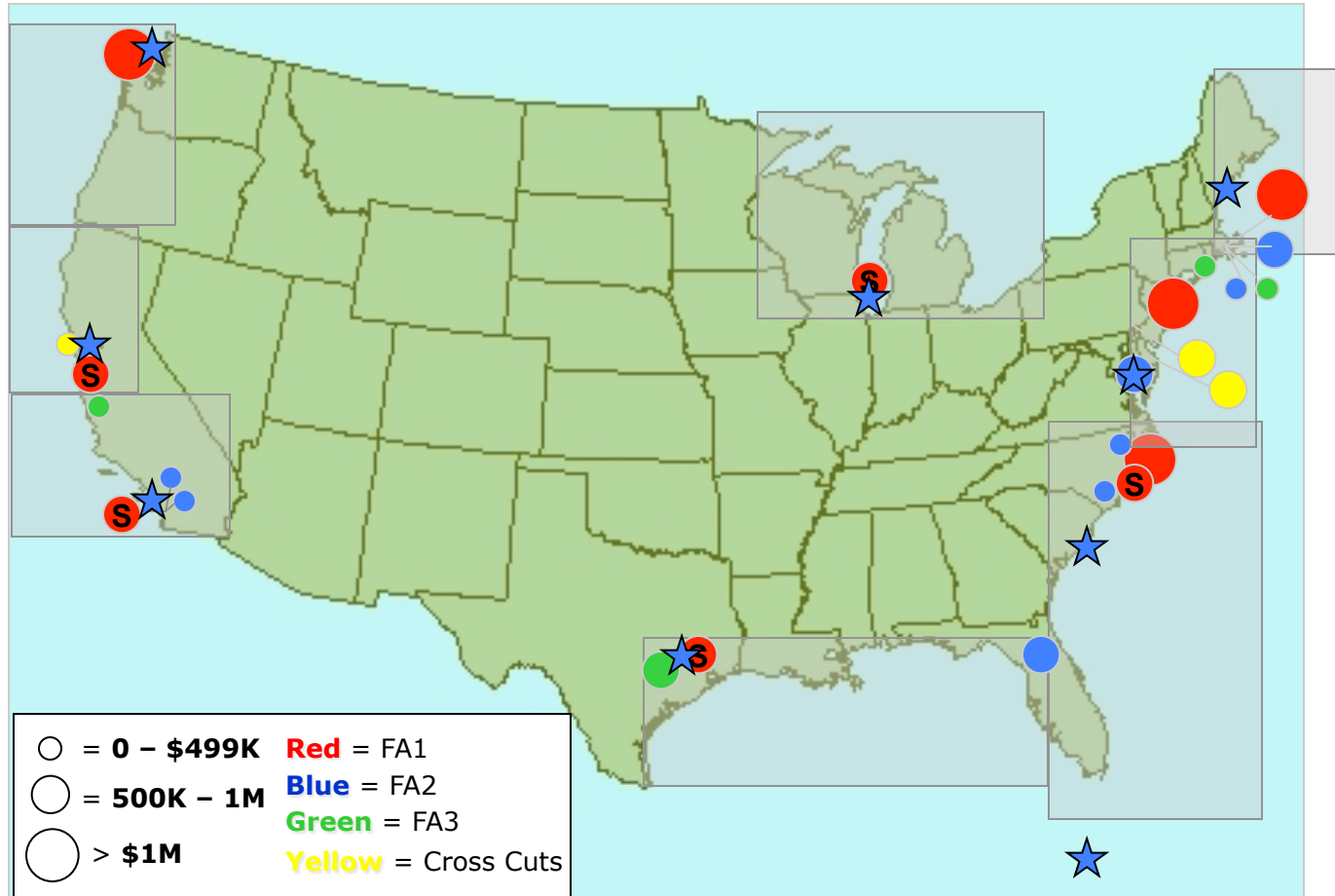
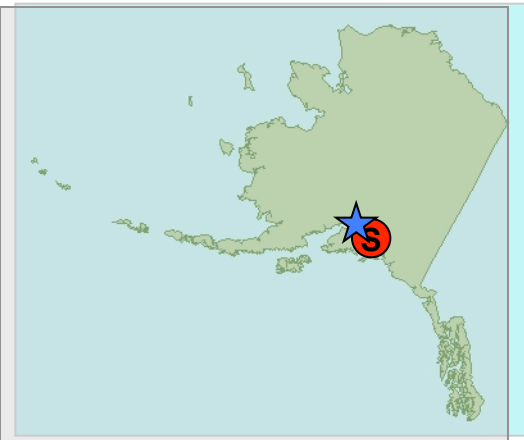
## **Implementation of Regional IOOS**

- 38 letters of Intent received; 31 encouraged
- 27 proposals received
- Applicants notified of status Feb 20 - 21





# FY2007 Regional IOOS Awards



○ = 0 - \$499K    Red = FA1  
 ○ = 500K - 1M    Blue = FA2  
 ○ = > \$1M       Green = FA3  
                           Yellow = Cross Cuts

"S" indicates a single-year award  
 ★ indicates an RA support award

# FY08 Upcoming

## NOAA Business Model for Developing Regional Capability

Goal: Develop a mechanism to fund a national program that consists of regional components to implement a sustained system and allow for research and development.

### Components

- Strategy

- Organizational structure

- IOOS requirements and implementation

- Funding

- Communications



# **FY08 Upcoming**

## **Regional Assessments to Understand:**

- RA governance and structure
- Current activities with stakeholders
- Benefits of the RA to the region
- Mix of funding
- Outcomes from 1<sup>st</sup> RA Cooperative Agreement
- Future objectives and plans
- Coordination across RAs
- Best practices

***GCOOS, SECOORA, CaRA***

***April 23 – 24, 2008***

# FY08 Upcoming

## Focus:

- Better justify and program long-term funding for the regional component
- Enhance internal advocacy for regional investment

