



# NOAA COASTAL SERVICES CENTER

[HTTP://CSC.NOAA.GOV/](http://csc.noaa.gov/)

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**MISSION:** To support the environmental, social, and economic well-being of the coast by linking people, information, and technology.

## PRODUCTS AND SERVICES

- Human dimensions and socioeconomic studies
- Coastal remote sensing
- Conservation planning and marine spatial planning tools
- Regionally focused products and services
- Training and technical assistance
- Geographic information system (GIS)-related tools
- Data, information, and standards development
- Hazards mapping and assessment

## LEGISLATIVE AND POLICY DRIVERS

### Legislative Drivers:

- Coastal Zone Management Act
- Hydrographic Services Improvement Act Amendments
- Coast and Geodetic Survey Act
- National Marine Sanctuaries Act
- Oceans and Human Health Act
- Inland Flood Forecasting and Warning System Act

### Policy Drivers:

- Ocean Action Plan
- Ocean Research Priorities Plan
- Gulf of Mexico Regional Alliance
- West Coast Governors' Agreement on Ocean Health
- Northeast Regional Ocean Council
- Great Lakes Regional Collaboration
- Chesapeake Bay Program
- Hawaii Ocean and Coastal Council
- Coastal Enterprise Report
- Executive Order 12906 (Coordinating Geographic Data Acquisition and Access to the National Spatial Data Infrastructure)
- Systematic needs assessments

## BUDGET AND PERSONNEL

- **Budget Line:** Ocean Assessment Program (Coastal Services Center, Ocean Research Priorities Plan Implementation, Gulf of Mexico Regional Collaboration, Coastal Storms Program, Oceans and Human Health)
- **FY08 Budget:** \$25 million
- **Personnel:** 88 FTE (96 CONTRACTOR FTE)

## KEY PARTNERS

- U.S. Geological Survey, U.S. Army Corps of Engineers, Environmental Protection Agency, Federal Emergency Management Agency, and other federal agencies
- Regional Ocean Observing Systems and Integrated Ocean Observing System Regional Associations
- State coastal and natural resource agencies and programs
- State emergency and floodplain managers
- NOAA's Northern Gulf Institute
- Conservation organizations such as The Land Trust Alliance and The Nature Conservancy

## FISCAL YEAR 2008 HIGHLIGHTS

- **Making land-cover change maps and information available** for nearly all developed areas of the nation's coasts. These data show how much of a region is covered by forests, wetlands, impervious surfaces, and other land and water types and can be used to document land-use trends and changes over time.
- **Providing accurate, accessible shoreline data** and related information from NOAA and other federal agencies on one Web site – the NOAA Shoreline Web site (<http://shoreline.noaa.gov>). Local and state officials use this information to predict sea-level rise, establish setback lines, and perform a multitude of ocean and coastal community planning tasks.
- **Developing a tool that combines weather forecasts with hazards planning data**, allowing officials in California to display and animate forecasts for weather conditions such as waves, winds, temperature, humidity, and rainfall. The tool, called the Southern California Weather and Hazards Data Viewer ([http://maps.csc.noaa.gov/CSP\\_SoCal/](http://maps.csc.noaa.gov/CSP_SoCal/)), makes the data easier to comprehend and use.
- **Providing new coastal LIDAR (Light Detection and Ranging) data** for portions of the Great Lakes, Florida, South Carolina, Mississippi, Oregon, and Southern California. LIDAR is a remote sensing technology used to collect topographic and bathymetric data. The sensors are typically mounted on an aircraft and represent a great savings of time and money for states that have used ground surveys to get this information.
- **Bringing new partners together through the Digital Coast Web site** (<http://www.csc.noaa.gov/digitalcoast/>) to address coastal issues. The Web site provides data, tools, information, and training.
- **Advancing regional ocean governance** by serving as an integral partner, providing federal leadership, participation, and collaborative mechanisms for local, state, and federal agencies to address coastal challenges. The range of current regional efforts has included the Gulf of Mexico Alliance, Northeast Regional Ocean Council, West Coast Governors' Agreement on Ocean Health, Great Lakes regional collaboration, Chesapeake Bay Program, Gulf of Maine Council on the Marine Environment, and the South Atlantic Alliance.
- **Training over 1,100 coastal professionals** from 42 different states or territories; users of CSC's E-learning courses logged thousands of user sessions.

## ORGANIZATION

- The **Coastal Geospatial Services Division** helps state and local coastal partners use technology to address coastal resource management issues.
- The **Coastal Management Services Division** provides state and local partners with products and services related to social sciences, training, and communications.
- The **Integrated Information Services Division** helps customers make the best use of data resources and provides internal Web and computer management and services support.
- The **Regional Coastal Services Division** facilitates the delivery of products and services to state and local partners, to give the organization a better (local) understanding of customer needs and support NOAA's engagement with regional governance structures.
- The **Management and Budget Division** is in charge of all things administrative, including grants, facilities, budgeting, and policy and planning.