



PRODUCTS AND SERVICES BULLETIN

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

COASTAL SERVICES CENTER

SPRING 2007

This quarterly publication supplies up-to-date information on tools and services developed for the nation's state and local coastal programs by the NOAA Coastal Services Center. For more information, please contact Kitty.Fabey@noaa.gov.

New Products and Services

Results of 2006 Coastal Resource Management Customer Survey. Survey results from local, state, and federal coastal resource management professionals are now available on-line at www.csc.noaa.gov/survey/. This periodic survey is used by NOAA to better understand the needs of the nation's coastal management community, including state regulatory and natural resource management agencies, coastal and marine protected areas, emergency management offices, and other entities. To learn more, contact Tom.Fish@noaa.gov.

E-learning Product for Restoration Practitioners. Effective stream corridor restoration should be guided by a science-based, technically sound assessment framework. A new interactive e-learning module (www.crpinc.org/assessment/assess.html) uses narration, graphics, geospatial maps, and review tools to highlight the role assessment plays in science-based restoration. This product, part of a larger digital resource, was developed by the Center in collaboration with Circuit Rider Productions, a nonprofit agency in California. For more information, contact Bethney.Ward@noaa.gov.

New Emergency Management Tool. A new tool helps emergency managers view hazards and planning data in a geographic information system (GIS) environment. This Internet mapping application, developed for Chatham County, Georgia, enables multiple county offices to view storm-surge zones and shallow coastal flooding advisories with hazards planning data. It also illustrates the potential effects of coastal inundation. The Center and the Chatham Emergency Management Agency worked together to develop this tool. To learn more, contact William.Brooks@noaa.gov.

Training for Florida Interagency Partnership. Center personnel recently delivered geographic information system (GIS) and data documentation training to staff members from Florida's Franklin County and the Apalachicola National Estuarine Research Reserve (NERR). A Center-funded grant will enable the NERR to develop GIS capability and purchase hardware and software for the county. At the conclusion of the grant, GIS software will be turned over to the county and used to track permitting activities. For more information, contact Steve.Walker@noaa.gov.



Updated Products and Services

Expansion of Digital Coast: Legislative Atlas. Center staff members are working with local organizations in three regions to inventory regulations that will be added to the Center product, Digital Coast: Legislative Atlas. This Web-based mapping and database tool displays spatial representations of federal and state legislation to help viewers understand coastal and ocean regulations. Partners in Hawaii, California, Massachusetts, New Hampshire, and Maine are furthering the development of this tool. See the current atlas at www.csc.noaa.gov/legislativeatlas/. To learn more, contact Hamilton.Smillie@noaa.gov.

Pre- and Post-Katrina Land Cover Data. As part of its Coastal Change Analysis Program (C-CAP), the Center has produced land cover and change information for portions of the Gulf of Mexico region before, and after, Hurricane Katrina. These products include 1996, 2001, and 2005 land cover information, as well as 2006 land cover information for portions of Louisiana, Mississippi, and Alabama. The data sets, available at www.csc.noaa.gov/landcover/, can serve as aids in assessing wetland recovery and other storm impacts. C-CAP products are produced in close coordination with state coastal management agencies and the National Land Cover Database. For more information, contact Nate.Herold@noaa.gov.

Survey Guide on the Web. "Introduction to Survey Design and Delivery" is now available on-line at www.csc.noaa.gov/cms/human_dimensions/tools_survey.pdf. This guide is the first in a series of Center documents designed to help coastal resource managers address the complex interaction between human and natural systems. The second document in the series, scheduled for publication in summer 2007, will help coastal resource managers learn how to involve community stakeholders in coastal decision making. To learn more or to order a hard copy of the survey document, contact Chris.Ellis@noaa.gov or Zac.Hart@noaa.gov.

Future Products and Initiatives

HumanDimensions.gov. An interagency Web portal, HumanDimensions.gov or HD.gov, will serve as a peer-reviewed, central resource for social science information. This portal, available in summer 2007, will also guide users to resources addressing their specific needs. The Center is coordinating with federal and state agencies, tribal nations, nongovernmental organizations, academic institutions, and private industry. International agencies and organizations are also involved in the effort. For more information, contact Hansje.Gold-Krueck@noaa.gov or Tom.Fish@noaa.gov.

Land Cover Data for U.S. Coastal Regions. Coastal Change Analysis Program (C-CAP) baseline land cover and change data, circa 1996 and 2001, will be available in summer 2007 for all coastal regions of the U.S., excluding Alaska and the territories. All these land cover data sets will be housed on the Center Web site at www.csc.noaa.gov/landcover/. For more information, contact Nate.Herold@noaa.gov.



Elwha Watershed Resource. The Elwha Watershed Information Resource integrates ecological and socioeconomic information that will be used to manage this Washington state watershed when two dams are removed in 2009. The Lower Elwha Klallam Tribe and Olympic National Park are situated within the Elwha River watershed. This resource is being developed by the University of Idaho through a cooperative agreement with the Center and in partnership with the Lower Elwha Klallam Tribe. Contact Katherine.Nielsen@noaa.gov or visit www.csc.noaa.gov/lcr/text/elwha.html for more information.

Center News

High Marks from Center Customers. During 2006, the Center trained over 1,000 coastal management professionals from 43 different states representing all major coasts within the continental U.S., Hawaii, Alaska, and several noncoastal states. International coastal managers from Canada, Europe, and Southeast Asia also took part in trainings. Participant evaluations revealed exceptionally positive feedback: 93 percent reported that their time was well spent, and 94 percent reported achievement of the learning objectives. E-learning courses offered by the Center also logged thousands of user sessions during the fiscal year. For more information, contact Steve.Gilbert@noaa.gov.

Journal Explores Coastal Inundation. The winter 2006/2007 issue of *Marine Technology Society Journal* features the theme, "Stemming the Tide of Coastal Disasters." Margaret Davidson, director of the NOAA Coastal Services Center, served as a guest editor. The issue examines the history of coastal inundation in the U.S. and describes the risks that occur in the interplay between humans and the changing coastal zone. Contributors also address ways to improve prediction, management, and mitigation of risks. Because the response to the call for papers was so great, the topic will also be covered in the spring 2007 issue. To obtain a copy of the journal, visit www.mtsociety.org/publications/journal.cfm.

Risk Management Meeting in Pacific Islands Region. The Pacific Risk Management 'Ohana (PRiMO) recently convened for its 5th annual meeting, bringing together over 60 federal, state, county, private, and academic representatives. PRiMO, an interagency working group, strives to enhance hazard resilience by improving the development and dissemination of risk management-related products and services. The meeting was co-hosted by the Pacific Services Center and the Pacific Disaster Center. For more information, contact Jessie.Huart@noaa.gov.

Student Presentation in Nation's Capital. Four high school students participating in the Bay Watershed Education and Training (B-WET) Hawaii program recently traveled to the Coastal America Student Summit on Oceans and Coasts in Washington, D.C., to outline the state's environmental challenges and present an action plan. The students were able to meet and converse with key political figures in Congress and the White House. B-WET Hawaii is administered by the Pacific Services Center. For more information, contact Manning.Taite@noaa.gov.



Sold-Out GeoTools 2007. In early March, Coastal GeoTools 2007 attracted a capacity crowd of approximately 400 coastal resource management professionals to Myrtle Beach, South Carolina. The annual Coastal GeoTools conference, hosted by the Center, provides a venue for discussing technology applications useful in managing coastal resources and developing resilient coastal communities. To learn more, contact Hamilton.Smillie@noaa.gov.

Coastal Zone Conference in July. Nearly 1,000 coastal resource management professionals are expected to attend Coastal Zone 2007 in Portland, Oregon, July 22 to 26. This year's theme, "Brewing Local Solutions to Your Coastal Issues," will incorporate a wide variety of related sessions, workshops, and field trips. For more information, visit www.csc.noaa.gov/cz/.

Training Schedule

Training for your organization can take place at the Center in Charleston, South Carolina, or can be brought to your facility.* For more information, visit www.csc.noaa.gov/training/.

Project Design and Evaluation

- + May 9 to 10 Silver Spring, Maryland
- + June 26 to 27 Porter, Indiana

Public Issues and Conflict Management

- + May 5 to 6 St. Croix, Virgin Islands

Negotiating for Coastal Resources

- + April 26 to 27 Brunswick, Georgia

Coastal Community Planning and Development

- + May 1 Corpus Christi, Texas

Coastal Remote Sensing for Spatial Analysts

- + May 22 to 23 Durham, New Hampshire

Introduction to ArcGIS

- + May 15 to 16 Miami, Florida
- + May 21 to 22 NOAA Coastal Services Center
Charleston, South Carolina

Coastal Applications of ArcGIS

- + May 17 to 18 Miami, Florida
- + May 23 to 25 NOAA Coastal Services Center
Charleston, South Carolina

*Trainings are generally arranged through local coastal management hosts.