

GIS I&D Program Grant Awards

Revised: March 8, 2005

Ref. #	Cooperator	Project Location	Project Title	RFP Date	Grant Period	Funds Awarded	Final Product
1	University of Florida, Florida Sea Grant Program	Florida	<i>A Recreational Boater--Based Method for Re-designing the NOS Small--Craft Chart: Promoting Safe Navigation and Stewardship of Coastal Resources</i>	N/A	August 1997 – September 2000	\$ 150,000	A publication, http://www.flseagrant.org/faculty-students/quarterly%20reports/D ecJanFeb01/djfsmpage.htm and http://flseagrant.org/science/ancorage/
2	North Carolina Division of Coastal Management	North Carolina	<i>North Carolina – NOAA Coastal Services Center Coastal Hazard Mitigation Cooperative Agreement</i>	N/A	Apr 1998 – June 2001	\$ 99,376	Maps and data shared w/collaborators
3	Ohio Department of Natural Resources	Ohio	<i>Digital Orthophotos for Lake Erie Shoreline</i>	N/A	October 1998 – December 1999	\$ 75,000	Ortho photos on file w/collaborators
4	Florida Marine Research Institute	Florida	<i>Development and Evaluation of a Monitoring and Emergency Response/Crisis Management System for Oil Spills and Hurricanes</i>	N/A	October 1998 – September 1999	\$ 79,625	A publication and http://www.cio.noaa.gov/hpcc/projects/980002.html
5	University of Hawaii at Manoa	Hawaii	<i>Hawaiian Shoreline Variability this Century: A Demonstration of Data Capacity Building</i>	October 1998	September 1999 – August 2001	\$ 200,000	A publication and http://www.soest.hawaii.edu/coasts/cgg_main.html
6	Oregon State University	Oregon	<i>Test Reducing Earthquake--Tsunami Hazards in Pacific Northwest Ports and Harbors</i>	N/A	October 1999 – September 2001	\$ 100,000	http://www.csc.noaa.gov/products/tsunamis/
7	West Coast Inland Navigation District	Florida	<i>Bathymetric Data for Coastal Resource Management in Southwest Florida Waterways: A Proposal to Enhance and Standardize Field Collection Methods</i>	October 1999	October 2000 – April 2002	\$ 58,770	A publication, CD-ROM, and http://edis.ifas.ufl.edu/SG064
8	Palm Beach County Department of Environmental Resources Management	Florida	<i>Comprehensive Bathymetric Mapping for Lake Worth Lagoon</i>	October 2000	August 2001 – January 2003	\$ 57,623	A publication, maps, and a Web site. http://www.co.palm-beach.fl.us/erm/enhancement/lw_lagoon.asp#LWLCD
9	The Foundation of California State University, Monterey Bay	California	<i>Integrated Spatial Data Model Tools Set for the Auto-Classification and Delineation of Species-Specific Habitat Maps from High-Resolution, Digital Hydrographic Data</i>	October 2001	August 2002 – July 2003	\$ 79,769	Spatial data modeling tools and publishable manuscript. http://seafloor.csuumb.edu/publications/Kvitek_NA17OC2586_Rp t.pdf
10	(Grant Award) Great Lakes Commission	Michigan	<i>Great Lakes Information Network Data Directory</i>	June 2002	August 2002 – July 2003	\$ 60,000	Spatial data sets and metadata posted on the Web. http://www.glc.org/glin/
11	New Jersey Meadowlands Commission	New Jersey	<i>Spatially Integrated Coastal Permitting System</i>	October 2001	September 2002 – August 2003	\$ 70,800	A graphical user interface accessible through the Web in which maps, images, and text can be retrieved by permit applicants. http://meri.njmeadowlands.gov:8080/sicop/

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12	(Massachusetts) Executive Office of Environmental Affairs	Massachusetts	<i>Coastal Structures Inventory of Cape Cod</i>	October 2001	August 2002 – December 2003	\$ 80,550	A georeferenced, pre-storm inventory of Ma. Structures packaged on a CD-ROM and a document that will provide guidelines and procedures to allow other regions to conduct similar projects.
13	The Foundation of California State University, Monterey Bay	California	<i>Hydrographic Data Acquisition for the Design and Management of Two Proposed California State Marine Protected Areas</i>	October 2001	August 2002 – December 2003	\$ 79,352	A Web-based GIS site for sharing 3-D marine habitat maps and hydrographic products. http://www.dfg.ca.gov/mrd/channel_islands/index.html
14	(Grant Award) Maryland Department of Natural Resources	Maryland	<i>Data Stewardship Project FGDC Compliant metadata Data accessibility Retention of value of data Writing metadata</i>	June 2002	April 2003 – March 2004	\$ 56,032	Metadata development on geospatial databases. http://dhrweb.dnr.state.md.us/irc/irc.asp
15	Maryland Department of Natural Resources	Maryland	<i>Bathymetric Survey of Maryland's Portion of Chincoteague Bay</i>	October 2001	August 2002 – April 2004	\$ 88,111	A CD-ROM incorporating raw bathymetry data, bathymetry maps, and a final report detailing survey methods used to develop the first detailed bathymetric data set for Chincoteague Bay.
16	Oregon Department of Fish and Wildlife	Oregon	<i>Nearshore Rocky Reef Habitat Survey using Multibeam Sonar – Marine Resource Program</i>	October 2001	August 2002 – May 2004	\$ 49,941	A CD-ROM incorporating multibeam survey data, bathymetric maps, a Web page with spatially referenced video clips from the Remotely Operated Vehicle (ROV) work, and survey field and descriptive reports and mapping products required under NOS hydrographic survey standards was produced. http://hmssc.oregonstate.edu/odf/w/nro/
17	(Grant Award) Mississippi Department of Environmental Quality	Mississippi	<i>Mississippi Coastal Information System</i>	June 2002	March 2003 – May 2004	\$ 62,915	A Web site to disseminate data on coastal resources and trends in coastal Mississippi. http://geology.deq.state.ms.us/coastal/

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18	Oregon Department of Land and Conservation Development	Oregon	<i>Oregon Coastal Atlas and Climate Module</i>	June 2002	July 2003 – June 2004	\$ 55,000	A special climate and coastal hazards module will be created within the Oregon Coastal Atlas. http://www.lcd.state.or.us/coast/hazards.html
19	South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management	South Carolina	<i>South Carolina Coastal Marsh Island Assessment and Management Strategy</i>	June 2002	March 2003 – August 2004	\$ 54,863	Guidance for revising regulations governing bridge permits and island development through the design and construction of a stakeholder accepted, GIS-based decision support tool and related metadata. http://www.scdhec.net/ocrm/HTML/printed.html
20	(Grant Award) University of Florida	Florida	<i>A Coastal Data Information Server System for the Gulf Intra-coastal Waterway and Adjoining Bay Waters of Southwest Florida</i>	June 2002	September 2002 – August 2004	\$ 50,900	Metadata; and scanned, enhanced, georeferenced, and rectified aerial photographs. http://web.uflib.ufl.edu/digital/collections/FLAP/Special_FloridaCoastalWaters.htm
21	National States Geographic Information Council	national	<i>Random Access Metadata Tool for Online National Assessments-Phase 2</i>	March 2004	July 2004 – December 2004	\$60,000	EXPECTED A national level, state-based inventory of geospatial data, policies, and technology posted on the Web.
22	(Grant Award) Louisiana Universities Marine Consortium	Louisiana	<i>Restructuring & Automating LUMCON's Environmental Monitoring Systems (LEMS)</i>	June 2003	March 2004 – February 2005	\$ 48,150	EXPECTED Improvements to data handling, display, and distribution protocols related to its automated environmental monitoring system.
23	(Grant Award) University of South Carolina	South Carolina	<i>Coastal nutrient, water quality, toxic algal data, and metadata dissemination by Baruch Institute for Marine Biology and Coastal Research, University of South Carolina</i>	June 2002	June 2003 – May 2005	\$ 84,502	EXPECTED Metadata development to certify, archive, and document nutrient and toxic algae databases from South Carolina. All data and metadata will be posted on Baruch's Web server < www.baruch.sc.edu >.
24	Washington Department of Ecology	Oregon & Washington	<i>A Tiered Approach for Analysis of Cumulative Impacts Resulting from Land Use Change and Shoreline Habitat Alteration</i>	June 2003	July 2004 – May 2005	\$100,000	EXPECTED GIS tools to help coastal planners identify land use alterations at varying scales and recommend geospatially explicit protection and restoration measures.

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25	California Department of Fish and Game	California	<i>GIS and analytical tool development support for Calfish; a Web-based data storage, management, and retrieval system for California</i>	June 2003	July 2004 – June 2005	\$77,308	EXPECTED A centralized California fisheries data storage, management, and retrieval system called CalFish.
26	Moss Marine Laboratory, San Jose State University Foundation	California	<i>Bathymetric Mapping, Habitat Characterization, and Geohazards Assessment of the San Juan Archipelago: a U.S. – Canadian Cooperative Venture</i>	October 2001	August 2002 – June 2005	\$ 99,850	EXPECTED Multiple products in the form of maps, digital data sets, and reports will be delivered. A Web site will be produced and a manuscript will be submitted to a peer-reviewed scientific journal.
27	University of Wisconsin – Madison	Wisconsin	<i>Developing a Dynamic and Distributed GIS to Support Coastal Management Along the Lake Superior Coast of Wisconsin</i>	June 2002	June 2003 – June 2005	\$ 125,863	EXPECTED GIS Web sites serving spatial data relevant to coastal management along the Lake Superior coast of Wisconsin, two refereed journal articles, Web tutorials, and three project workshops.
28	Cornell University, New York Sea Grant Program	New York	<i>Development of a Website for Dissemination of NY Atlantic Coast Monitoring Program Erosion Hazards Data</i>	June 2003	March 2004 – August 2005	\$ 40,287	EXPECTED Data and tools summarized on a Web site for improving coastal hazards management and planning in New York as a demonstration project.
29	(Grant Award) Geological Survey of Alabama	Alabama	<i>Rescuing, Documenting Toxic Pollutant Data Sets for the Mobile Delta and Bay</i>	June 2003	March 2004 – August 2005	\$ 75,620	EXPECTED Documented and easily accessible toxic pollutant data to local, state, and federal agencies, and others interested in protecting and improving the environment.
30	Tufts University	Connecticut, Delaware, Maine, Massachusetts, New York, and Rhode Island	<i>Seabird Ecological Assessment Network Mapping Application (SEANET MAP): Distributed Internet Mapping for Marine Ecosystem Health</i>	June 2003	September 2004 – August 2005	\$82,226	EXPECTED A comprehensive and integrated source that will allow users to correlate multiple environmental variables and risk factors with population fluctuations and mortality events for the U.S. northeast coast.
31	(Grant Award) University of South Carolina Research Foundation, Baruch Institute	South Carolina	<i>Long-Term Coastal Data and Metadata Rescue and Product Dissemination by Belle W. Baruch Institute for Marine Biology and Coastal Research</i>	October 2001	August 2002 – August 2005	\$ 106,840	EXPECTED Metadata development to certify, archive, and document nutrient and toxic algae databases from South Carolina. All data and metadata will be posted on Baruch's Web server. http://www.baruch.sc.edu

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32	University of Southern Mississippi	Louisiana	<i>A Proposal for the Establishment of the Louisiana/Mississippi Digital Coast Initiative</i>	N/A	September 2003 – August 2005	\$ 400,000	EXPECTED A repository and Web site with on-line mapping applications serving digital geospatial data and information to support and manage the rapid growth along the Mississippi and Louisiana coastal zone.
33	University of New Orleans	Louisiana and Mississippi	<i>Establishment of the Louisiana Digital Information System</i>	N/A	September 2003 – August 2005	\$ 400,000	EXPECTED A repository and Web site with on-line mapping applications serving digital geospatial data and information to support and manage the rapid growth along the Mississippi and Louisiana coastal zone.
34	National States Geographic Information Council	national	<i>Random Access Metadata Tool for Online National Assessments-Phase 1</i>	June 2003	March 2004 – September 2005	\$90,000	EXPECTED A national level, state-based inventory of geospatial data, policies, and technology posted on the Web.
35	The Nature Conservancy	Oregon & Washington	<i>Improving Methods for Identifying Priority Sites for Marine Conservation and Management: Integrating Across Environments in the Pacific Northwest</i>	June 2003	July 2004 – December 2005	\$100,000	EXPECTED Methods for identifying conservation targets, GIS layers, suitability factors, site selection model, and reports.
36	University of Washington	Washington	<i>Assessing the Potential for a Regional Ocean Governance Pilot Project in the Pacific Northwest</i>	N/a Non-competitive	August 2004 – January 2006	\$ 141,366	EXPECTED A report and a "prospectus" for a pilot regional ocean governance process in the Pacific Northwest.
37	Pacific States Marine Fisheries Commission	Oregon	<i>GIS I&D Curriculum for Marine Resource Managers</i>	June 2003	March 2004 – February 2006	\$ 99,975	EXPECTED Development, testing, and implementation of GIS education for Pacific-focused marine resource management, targeting the needs for marine protected areas.
38	Oregon State University	Oregon	<i>Spatial Technology Development and Educational Modules for the Fagatele Bay National Marine Sanctuary</i>	June 2002	March 2003 – September 2006	\$ 64,917	EXPECTED A CD-ROM, an expanded Web site, maps, charts, educational modules, and FGDC-compliant metadata.

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39	University of Florida	Florida	<i>Manatee Protection Decision & Education Support System</i>	June 2003	April 2004 – March 2006	\$ 98,274	EXPECTED A GIS-based manatee protection decision and education support system to promote public awareness of efforts to recover and/or protect manatee populations.
40	Mississippi State University	Mississippi	<i>Linking Coastal Watersheds: A Pilot Project on Linking Inland and Coastal Watershed Resources Management Systems in the Tennessee-Tombigbee and Mobile Bay Basin</i>	June 2004	April 2004 – March 2006	\$ 97,570	EXPECTED A shared geospatial database for Mobile Bay and the Tennessee-Tombigbee watershed.
41	Chatham County Emergency Management Agency	Georgia	<i>Coastal Planning, Response and Recovery from Tropical Hazards</i>	June 2004	April 2005 – October 2006	\$ 125,000	EXPECTED CEMA will develop a community specific HURREVAC program tailored to Chatham County to assist in local hurricane preparedness decision making.
42	Land Trust Alliance	Maine	<i>The Maine Coast Protection Initiative</i>	March 2004	July 2004 – May 2007	\$ 500,000	EXPECTED A coastal conservation plan that identifies protection priorities and strategies and a series of pilot projects developing conservation plans at the local level.
43	Oregon State University	Oregon	<i>NOAA Fellowships for Education and Research Opportunities in Applying GIS and Remote Sensing in Coastal Resource Management</i>	March 2004	June 2004 – May 2007	\$ 124,891	EXPECTED A three-year fellowship initiating a longer term minority graduate fellowship program in geospatial science with a focus on coastal resource management.
44	Florida Department of Environmental Protection	Florida	<i>Development of a GIS Project for Franklin County and the Apalachicola NERR</i>	June 2004	July 2005 – June 2007	\$ 131,115	EXPECTED The Florida Department of Environmental Protection Apalachicola NERR (ANERR) will develop and implement a Geographic Information Systems (GIS) for the Franklin County Planning and Building Department.
45	Ventura County, California, Planning Division	California	<i>Environmental Impact Biological Assessments: Spatial Data Capture and Delivery</i>	June 2004	July 2005 – October 2006	\$ 96,566	EXPECTED The Ventura County Planning Division will develop a comprehensive GIS database of biological resources at a parcel scale for Ventura County, California. Ventura County will make the biological data available through an ArcIMS map viewer for resource managers and the general public.