

Ocean Exploration Data Management

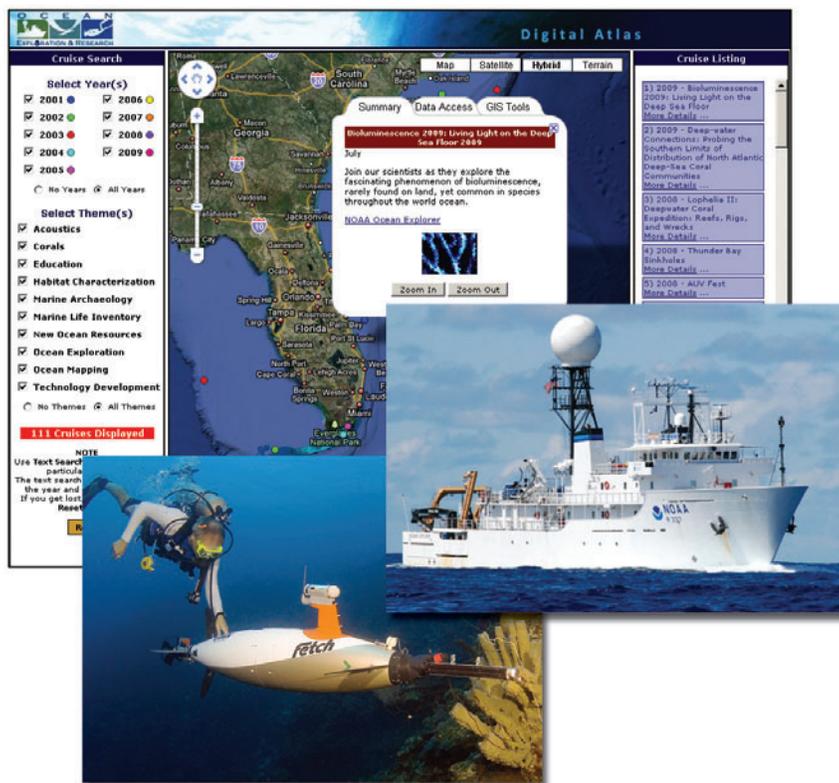
NOAA's Office of Ocean Exploration & Research (OER) is working in coordination with NOAA Environmental Satellite, Data and Information Service (NESDIS) and other partners to develop a unique end-to-end data management system for metadata, data, multimedia and products resulting from OER sponsored expeditions.

The Cruise Information Management System (CIMS) is being designed and developed to manage the competitive proposal process and the expedition planning process, provide tools for the expedition data managers to document the operations, activities and events happening at sea, and establish an online portal for post-expedition data management and metadata publishing.

The metadata generated from CIMS meets the national standards for FGDC compliance and once published, is discoverable through standard metadata catalog and geospatial node searches, the NOAA National Coastal Data Development Center online interfaces and the Digital Atlas.

http://www.ncddc.noaa.gov/website/google_maps/OE/mapsOE.htm

The **Digital Atlas** is a simple geographical user interface for discovering OE expedition information and data through a Google Map application. Users can filter the color coded tags by year and expedition theme to instantly access summary information, imagery, interactive GIS maps, archived data and links to related websites.



NOAA project partners include:

- Office of Ocean Exploration & Research
- National Oceanographic Data Center
- National Geophysical Data Center
- NOAA Central Library

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A Division of the National Oceanographic Data Center
under the National Environmental Satellite, Data, and Information Service



Revised 4/19/2011

