



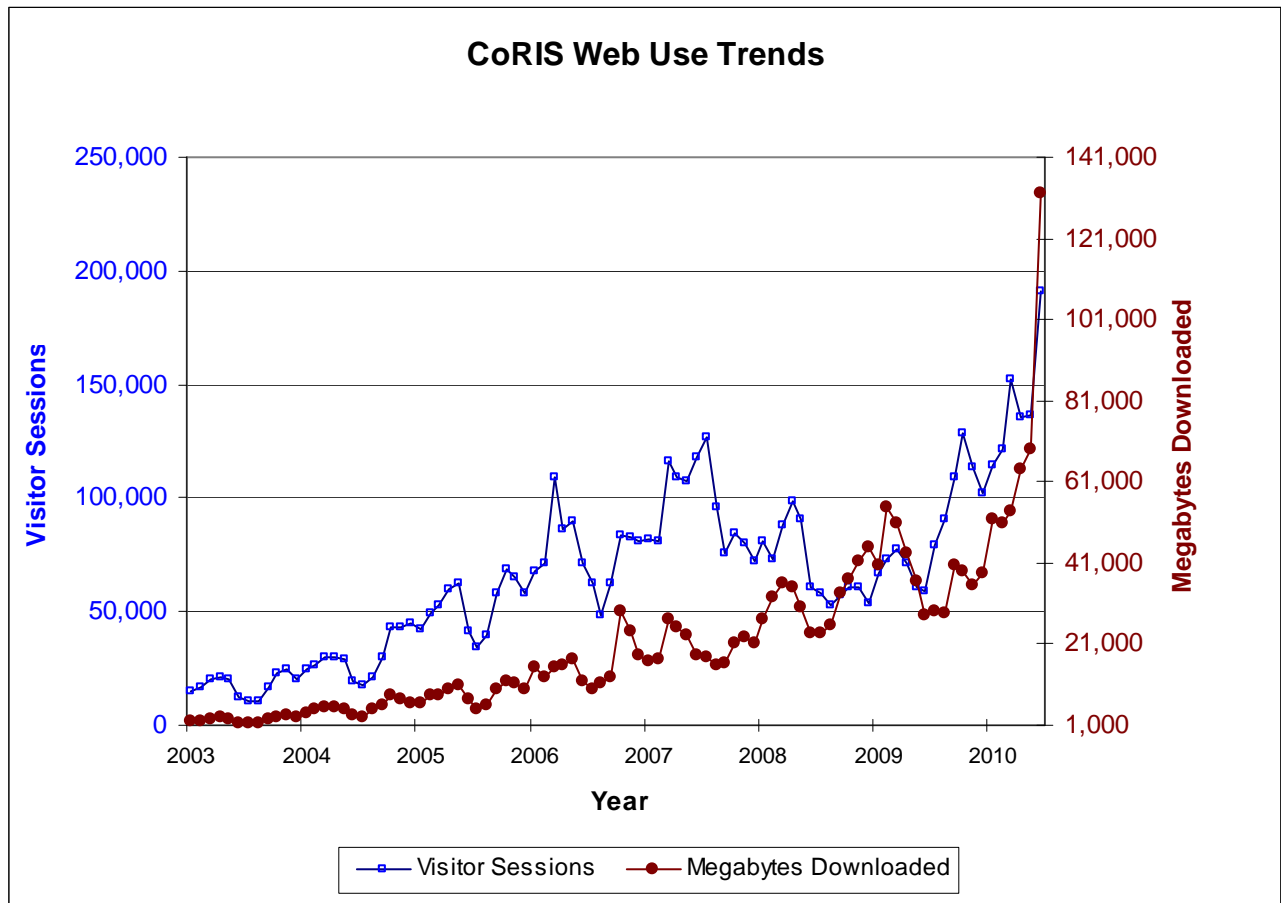
## NOAA's Coral Reef Conservation Program (CRCP) Coral Reef Information System (CoRIS) Status Report

April – June 2010

### ***CoRIS Project Highlights***

- Web page for recent CRCP publication: *Implementation of the National Coral Reef Action Strategy: Report on NOAA Coral Reef Conservation Program Activities from 2007 to 2009* ([http://coris.noaa.gov/activities/reportcongress07\\_09/](http://coris.noaa.gov/activities/reportcongress07_09/))
- As part of its continuing efforts to better serve users by presenting region-specific coral data and information in a clear, concise, and integrated manner, CoRIS developed a new ecosystem essay about Guam. The essay can be viewed at: [http://coris.noaa.gov/about/eco\\_essays/guam/welcome.html](http://coris.noaa.gov/about/eco_essays/guam/welcome.html). Questions and comments about the Guam ecosystem essay should be sent to: [coris.metadata@noaa.gov](mailto:coris.metadata@noaa.gov).
- A new professional exchange about the Chagos Islands Marine Protected Area was added to the website <http://coris.noaa.gov/exchanges/chagos/>.
- CoRIS staff traveled to Charleston from May 5-7, 2010 to meet with staff at the Hollings Marine Laboratory, NCCOS - Center for Coastal Environmental Health and Biomolecular Research, and the NOAA Coastal Services Center.

## Web Use Trends



In addition to the above statistics, 46,354 publications available through <http://data.nodc.noaa.gov/coris/> in CoRIS were accessed by visitors to the website during the third quarter of FY2010.

**Table 1 – Regional Portal Usage Summary**

	<b>FY09 - Q2</b>	<b>FY09 - Q3</b>	<b>FY09 - Q4</b>	<b>FY10 - Q1</b>	<b>FY 10 - Q2</b>	<b>FY 10 - Q3</b>	<b>Total</b>
American Samoa	267	282	243	805	721	928	3,246
CNMI	364	361	355	827	1,151	1,854	4,912
Florida	651	547	451	1,035	1,163	1,646	5,493
Flower Garden Banks	398	406	305	711	742	1,214	3,776
Guam	370	422	371	976	948	1,175	4,262
Hawaii	512	533	441	1,024	1,078	1,150	4,738
Homepage	1,269	1,213	1,095	1,566	1,652	1,921	8,716
Marshall Islands	323	422	336	827	867	1,199	3,974
Micronesia	309	380	323	694	713	908	3,327
Navassa	304	270	231	657	826	897	3,185
NWHI	213	227	170	526	553	647	2,336
Palau	299	359	312	726	676	846	3,218
PRIAs	307	319	236	675	905	539	2,981
Puerto Rico	403	433	342	993	1,007	1,475	4,653
Virgin Islands	559	482	226	671	830	881	3,649
<b>Total</b>	<b>6,548</b>	<b>6,656</b>	<b>5,437</b>	<b>12,713</b>	<b>13,832</b>	<b>17,280</b>	<b>62,466</b>

Table 1 demonstrates the number of times Regional Portal pages were accessed each month, since January 2009, by visitors to the CoRIS Web site.

### **CoRIS Product Highlights**

**Metadata** – The 4,106 metadata records in CoRIS provide managers, researchers, and the public access to 32,564 coral data products via the CoRIS Web site portal. As identified in Table 4, CoRIS continues to acquire metadata. Between April and June 2010, staff added 304 new metadata records and updated 543 records.

**Publications** – CoRIS received and cataloged 126 coral publications in the CoRIS virtual library or NOAA Library from April-June. Types of products received include NOAA technical memoranda and formal reports, workshop reports, conference proceedings and abstracts, unpublished scientific reports, citations of published journal articles, websites, educational brochures, field guides, and video imagery. The CoRIS Web site currently provides access to 2,581 coral publications and online resources, which are referenced in the NOAA Library or CoRIS virtual library database.

CoRIS serves as a portal to NOAA coral data and information. The project is gathering data and publications from CRCP-funded PIs and other NOAA coral sources and making this information discoverable on the CoRIS Web site for use by the public. The following 10 tables summarize and provide details about the metadata, data, and publications available through CoRIS.

**Table 2 – Summary of Data and Information Available via CoRIS Web site**

	<b>Metadata Records</b>	<b>Data Products</b>	<b>Data Files Served by CoRIS</b>	<b>CoRIS Virtual Library Entries</b>
Dec-08	2,472	30,390	7,187	1,690
Mar-09	2,675	30,851	7,163	1,695
Jun-09	2,778	30,970	7,460	1,816
Sep-09	3,031	31,319	7,534	2,128
Dec-09	3,598	31,729	7,686	2,338
Mar-10	3,807	32,193	8,396	2,464
Jun-10	4,106	32,564	8,451	2,581

Table 2 presents the number of metadata records, data files, data products, and publications that have been added to or are served by the CoRIS Web site since the first quarter of FY 2009.

**Table 3 – Summary of CoRIS Metadata Records by Line Office**

<b>Office/Group</b>	<b>FY10 Records</b>	<b>Total Records</b>
NESDIS	21	451
NMFS	1,151	2,525
NOS	129	955
OAR	6	164
Miscellaneous	0	11
<b>Total</b>	<b>1,307</b>	<b>4,106</b>

Table 3 lists the number of metadata records within CoRIS by Line Office.

**Table 4 – Recent CoRIS Metadata Additions**

<b>Source</b>	<b>Description</b>	<b>Metadata Records</b>
NMFS	CRED Towed-Diver Benthic Characterization & Fish Biomass Surveys	272
NOS	Environmental Sensitivity Index (ESI) Atlas, Gulf of Mexico	1
NOS	Biscayne Bay, FL (S200) Bathymetric Digital Elevation Model (30 meter resolution) Derived From Source Hydrographic Survey Soundings Collected by NOAA	1
NOS	Southern Florida, FL (F010) Bathymetric Digital Elevation Model (30 meter resolution) Derived From Source Hydrographic Survey Soundings Collected by NOAA	1
NOS	Impervious Surfaces, Island of Saipan, Commonwealth of the Northern Mariana Islands	1
NOS	C-CAP Land Cover, Jobos Bay, Commonwealth of Puerto Rico 2007	1
NOS	National Status and Trends: Mussel Watch Project	1
NOS	National Status and Trends: Benthic Surveillance Project	5
NESDIS	4 km NODC/RSMAS AVHRR Pathfinder v5.0 and Interim v5.0 Sea Surface Temperature (SST) Data and v5.1 SST Data for 1981-2009	1

NOS	National Status and Trends: Bioeffects Program - Biscayne Bay, Florida (1995-1996) Database	1
NMFS	Slope, Rugosity, Bathymetric Position Index (BPI) Structures and Bathymetric Position Index (BPI) Zones data for Kure Atoll	4
NMFS	Slope, Rugosity, Bathymetric Position Index (BPI) Structures and Bathymetric Position Index (BPI) Zones data for Pearl & Hermes Atoll	4
NMFS	Slope, Rugosity, Bathymetric Position Index (BPI) Structures and Bathymetric Position Index (BPI) Zones data for Ofu and Olosega Islands	4
NMFS	Gridded bathymetry of the banktop and slope environments of Ofu and Olosega Islands	2
NMFS	CRED Cumulative Map of Percent Scleractinian Coral Cover at Ofu & Olosega	1
NOS	Florida Keys National Marine Sanctuary, Socioeconomic Study	4
	<b>Total Additions</b>	<b>304</b>
	<b>Total Metadata Record Updates and Enhancements</b>	<b>543</b>

Table 4 lists the metadata records that were added to the CoRIS Web site this quarter.

***Table 5 – Top Downloaded Metadata Records***

<b>Metadata Name</b>	<b>Number of Downloads</b>
The Coral Reef Temperature Anomaly Database (CoRTAD) Version 1 - Global, 4 km, Sea Surface Temperature and Related Thermal Stress Metrics for 1985-2005 (NODC Accession 0044419)	457
Sediment Processes on the Coral Reefs of Kahoolawe: A Rapid Field Assessment in 1993 (NODC Accession 0000883)	430
Caribbean Coral Reef, Seagrass and Mangrove Sites (CARICOMP), (NODC Accession 0000501)	398
American Samoa Abandoned Vessel Inventory	359
Bahamas Sea Water Temperature Data 1988-2003, PIMS Environmental Monitoring Program	333
High Resolution Aerial Photography of the Main Eight Hawaiian Islands, 2000	330
ESI-VI12 Beef Island, U.K. Virgin Islands 2000 (Environmental Sensitivity Index Map)	312
Florida Abandoned Vessel Inventory	297
Bahia Las Minas, Panama Oil Spill Assessment 1986-1991, (NODC Accession 9400033)	295
Palau NOAA Coral Reef Watch (CRW) Satellite Bleaching Alerts (SBAs)	294

Table 5 identifies the top 10 metadata records accessed in this quarter.

**Table 6 – Frequency of Metadata Usage**

<b>Month</b>	<b>Number of Metadata Accessed</b>
Apr-09	203,600
May-09	168,993
Jun-09	200,694
Jul-09	173,603
Aug-09	191,212
Sep-09	222,600
Oct-09	284,155
Nov-09	141,304
Dec-09	105,657
Jan-10	187,015
Feb-10	129,503
Mar-10	222,840
Apr- 10	188,749
May- 10	206,281
Jun- 10	146,966

Table 6 documents the total number of times metadata records were accessed from the server during the latter half of FY 2009 and the first three quarters of FY 2010.

**Table 7 – CRCP and NOAA Coral Publications Received**

<b>Source</b>	<b>Count</b>
NESDIS-NODC	1
NESDIS-STAR	34
NMFS-OHC	11
NMFS-PIFSC	8
NMFS-SERO	1
NOS – IPO	7
NOS-NCCOS	7
NOS-OCRM	6
OAR-AOML	3
NOAA	6
Unknown	42
<b>Total</b>	<b>126</b>

Table 7 lists new CRCP-funded and other NOAA coral publications, websites, etc. provided to CoRIS this quarter by CRCP Project Managers, Grantees, and other partners.

**Table 8 – CRCP and NOAA Coral Publications Cataloged**

Type of Publication	Count
Abstracts in Workshop or Conference Proceedings	6
Book	1
Book Chapters	7
Journal Article Citations	34
NOAA Web sites	9
Other Websites	8
Periodical	2
Technical Memoranda and Reports	17
Workshop Proceedings	1
Miscellaneous/Other	41
<b>Total</b>	<b>126</b>

Table 8 documents the different types of CRCP-funded and other NOAA coral publications added to the CoRIS virtual library and NOAA Libraries catalogs this quarter.

**Table 9 – Top Downloaded Publications**

File Name	Number of Downloads
Proceedings of the International Workshop on Red Coral Science, Management, and Trade: Lessons from the Mediterranean	7,710
Proceedings of the CITES workshop on the conservation of sea cucumbers in the families Holothuriidae and Stichopodidae	6,360
Implementation of the National Coral Reef Action Strategy: Report on NOAA Coral Reef Conservation Program Activities from 2007 to 2009	5,893
A Reef Manager's Guide to Coral Bleaching	5,616
Coral Health and Disease in the Pacific: Vision for Action	7,702
The State of Deep Coral Ecosystems of the United States: 2007	4,190
A National Coral Reef Action Strategy: Report to Congress (2002)	3,942
Status of Caribbean coral reefs after bleaching and hurricanes in 2005	3,934
NOAA Coral Reef Ecosystem Research Plan for Fiscal Years 2007 to 2011	2,368
Implementation of the National Coral Reef Action Strategy: Report to Congress (2008)	2,365

Table 9 identifies the top 10 publications accessed in CoRIS from April to June 2010.

**Table 10 – Coral Reef Data Products provided to NOAA National Data Centers**

<b>Office</b>	<b>Name</b>
N/A	None

Table 10 identifies those data products that CoRIS submitted to a NOAA National Data Center for archiving during the past quarter.

**Table 11 – CoRIS Glossary and Acronyms/Abbreviations List**

<b>Resource</b>	<b>Additions</b>	<b>Total</b>
Glossary	59	6113
Acronyms/Abbreviations List	396	4402

Table 11 lists the number of terms added to the CoRIS Glossary and the Acronyms/Abbreviations List this quarter, as well as the total number of terms available in each list. The Glossary and Acronyms/Abbreviations List continue to be the most highly accessed sections of the CoRIS Web site.