



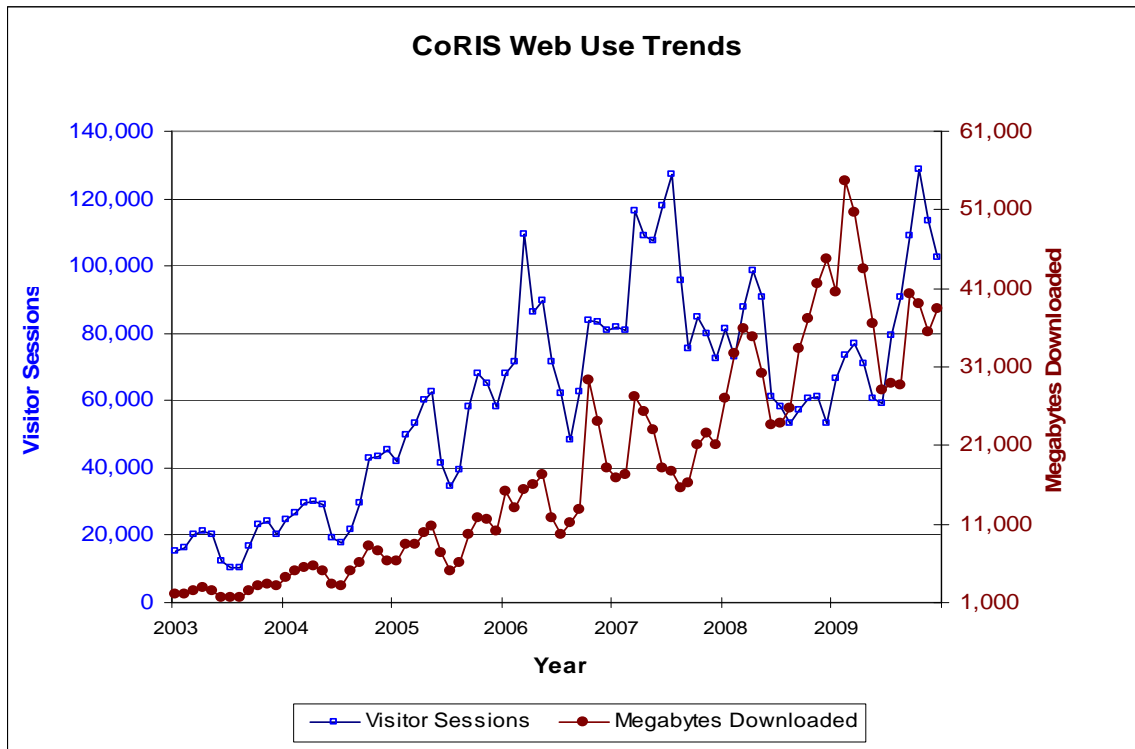
NOAA's Coral Reef Conservation Program (CRCP) Coral Reef Information System (CoRIS) Status Report

October – December 2009

CoRIS Project Highlights

- CoRIS has cleared the backlog of CRCP-funded publications previously maintained by the project. More than 750 publications from CRCP Project Managers, Grantees, and other NOAA partners that had accumulated since 2002 were cataloged in the CoRIS virtual library and the NOAA Libraries by members of the CoRIS Team.
- CoRIS has restructured its "Key Documents" page, http://coris.noaa.gov/data/key_docs.html, which relays CRCP program and policy information, descriptions of the state of corals, and strategies for preserving coral ecosystems. The page is consistently updated and includes information about and links to important Legislative Mandates, the U.S. Ocean Action Plan, Reports to Congress, CRCP Strategic Guidance, Reports on the Status of Coral Ecosystems, the CRCP Technical Memorandum Series, and CRCP Accomplishment Reports.
- Web pages for a new CRCP publication (*NOAA Coral Reef Ecosystem Integrated Observing System (CREIOS) Workshops Report*) and a recent NOAA Fisheries Office of Habitat Conservation publication (*Proceedings of the First International Workshop on Corallium Science, Management, and Trade*) were added to the "New Publications" section of CoRIS.
- A new professional exchange about the IndoPacific lionfish invasion of the U.S. south Atlantic sea coast and Caribbean Sea was added to the website <http://coris.noaa.gov/exchanges/lionfish/>.

Web Use Trends



In addition to the above statistics, 7,166 publications available through <http://data.nodc.noaa.gov/coris/library/> in CoRIS were accessed by visitors to the website during the first quarter of FY2010.

Table 1 – Regional Portal Usage Summary

	FY09 - Q1	FY09 - Q2	FY09 - Q3	FY09 - Q4	FY10 - Q1	Total
American Samoa	275	267	282	243	805	1,872
CNMI	324	364	361	355	827	2,231
Florida	607	651	547	451	1035	3,291
Flower Garden Banks	371	398	406	305	711	2,191
Guam	344	370	422	371	976	2,483
Hawaii	510	512	533	441	1024	3,020
Homepage	1,622	1,269	1,213	1,095	1566	6,765
Marshall Islands	282	323	422	336	827	2,190
Micronesia	333	309	380	323	694	2,039
Navassa	292	304	270	231	657	1,754
NWHI	248	213	227	170	526	1,384
Palau	270	299	359	312	726	1,966
PRIAs	310	307	319	236	675	1,847
Puerto Rico	431	403	433	342	993	2,602
Virgin Islands	582	559	482	226	671	2,520
Total	6,801	6,548	6,656	5,437	12,713	38,155

Table 1 demonstrates the number of times Regional Portal pages were accessed each month, since October 2008, by visitors to the CoRIS Web site.

CoRIS Product Highlights

Metadata – The 3,598 metadata records in CoRIS provide managers, researchers, and the public access to 31,729 coral data products via the CoRIS Web site portal. As identified in Table 4, CoRIS continues to acquire metadata. Between October and December 2009, staff added 782 new metadata records and updated 1,874 records.

Publications – CoRIS received 63 coral products for addition to the CoRIS virtual library or NOAA Library from October-December 2009. Types of products received include NOAA technical memoranda, workshop reports, conference proceedings, unpublished scientific reports, citations of published journal articles, websites, posters, brochures, and video imagery. The CoRIS Web site currently provides access to 2,338 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

	Metadata Records	Data Products	Data Files Served by CoRIS	CoRIS Library Entries
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

Table 2 presents the number of metadata, data, and publications that have been added to the CoRIS Web site since the first quarter of FY 2009; data files served via the website; and metadata being prepared by CRCP-funded Project Managers and other NOAA coral projects for submission to CoRIS.

Table 3 – Summary of CoRIS Metadata Records by Line Office

Office/Group	FY10 Records	Total Records
NESDIS	4	434
NMFS	752	2,131
NOS	20	858
OAR	6	164
Miscellaneous	0	11
Total	782	3,598

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

Table 4 – Recent CoRIS Metadata Additions

Source	Description	Metadata Records
OAR	2008 SEAKEYS Yearly Station Files	6
NOS	Continuous bottom temperature measurements in strategic areas of the Florida Reef Tract	14
NOS	Impervious surfaces data of St. John, St. Croix and St. Thomas derived from satellite imagery	3
NOS	C-CAP Land Cover from St. John, St. Croix and St. Thomas	3
NMFS	CRED REA invertebrate quantitative assessments	182
NMFS	Multibeam Sonar Data from Cruise AHI0605, HI0605 and AHI0902	3
NMFS	Mosaics of gridded multibeam bathymetry and bathymetry derived from multispectral IKONOS satellite imagery for selected locations in the PRIAs, CNMI and American Samoa	16
NMFS	CRED Oceanographic datasets	503
NMFS	Hard and soft bottom substrate maps for Saipan, Pagan, Tinian, Tutuila and the French Frigate Shoals	5
NMFS	Slope, Rugosity, Bathymetric Position Index (BPI) Structures and Bathymetric Position Index (BPI) Zones data for the French Frigate Shoals	4
NMFS	Updated Bathymetric data files for French Frigate Shoals, NWHI –UTM Zone 3 and Tutuila	5
NMFS	Updated backscatter datasets for the French Frigate Shoals and Kure Atoll	5
NMFS	CRED Fish Biomass Estimates for selected locations in American Samoa and NWHI	9
NMFS	CRED Cumulative Map of Percent Scleractinian Coral Cover (CNMI)	20
NESDIS	Coral Reef Temperature Anomaly Database (CoRTAD) Version 2	1
NESDIS	Synoptic Bi-monthly and Storm Response Water Quality Sampling in Southern Kaneohe Bay, HI 2005-2007 (NODC Accession 0060061)	1
NESDIS	4 km NODC/RSMAS AVHRR Pathfinder v.5.0 Sea Surface Temperature (SST) Climatologies (1985-2001)	1
NESDIS	4 km NODC/RSMAS AVHRR Pathfinder v5.0 and Interim v5.0 Sea Surface Temperature (SST) Data and v5.1 SST Data for 1981-2008	1
	Total Additions	782
	Total Metadata Record Updates and Enhancements	1,874

Table 4 lists the metadata records that were added to the CoRIS Web site between October and December 2009.

Table 5 – Top Downloaded Metadata Records

Metadata Name	Number of Downloads
Bahamas Sea Water Temperature Data 1988-2003, PIMS Environmental Monitoring Program	90
Caribbean Coral Reef, Seagrass and Mangrove Sites (CARICOMP), (NODC Accession 0000501)	81
American Samoa Abandoned Vessel Inventory	78
Coral Bleaching Indices for Sombrero Reef, Southern Florida from NOAA Coral Reef Watch Twice-Weekly Near-Real-Time Satellite Tropical Ocean Data	70
Florida Reef Fish Visual Census 1997 Species Site Matrix (NODC Accession 0001394)	69
ESI-VI12 Beef Island, U.K. Virgin Islands 2000 (Environmental Sensitivity Index Map)	67
American Samoa Reef Macroinvertebrate Inventory, 1992, (NODC Accession 9900054)	63
Florida Reef Fish Visual Census 1991 Species Site Matrix (NODC Accession 0001394)	63
Benthic Habitat and Zone Maps of St. Croix, U.S. Virgin Islands 1999 - Prepared by Visual Interpretation from Remote Sensing Imagery Collected by NOAA	62
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)	60

Table 5 identifies the top 10 metadata records accessed in December 2009.

Table 6 – Frequency of Metadata Usage

Month	Number of Metadata Accessed
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

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 quarter of FY 2010.

Table 7 – CRCP and NOAA Coral Publications Received

Source	Count
NESDIS-ORA	7
NMFS-OAA	1
NMFS-OHC	5
NMFS-PIFSC	5
NMFS-SEFSC	12
NMFS-SERO	5
NOS-CSC	2
NOS-NCCOS	13
NOS-OCRM	10
NOS-ONMS	2
OAR-AOML	1
Total	63

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	5
Books	3
Book Chapters	6
Journal Article Citations	53
Master's Theses	1
NOAA Web sites	2
Other Websites	5
Technical Memoranda and Reports	95
Workshop Proceedings	3
Miscellaneous/Other	37
Total	210

Table 8 documents the different types of CRCP-funded and other NOAA coral publications added to the CoRIS virtual library and NOAA Libraries catalogs between October and December 2009.

Table 9 – Top Downloaded Publications

File Name	Number of Downloads
/activities/reef_managers_guide/reef_managers_guide.pdf	1,967
/activities/deepcoral_rpt/DeepCoralRpt2007.pdf	1,758
/glossary/glossary_0909.pdf	1,034
/activities/cdh_vision/pdfs/cdh_vision_full.pdf	938
/activities/coral_research_plan/pdfs/coral_researchplan.pdf	922
/activities/actionstrategy/action_reef_final.pdf	877
/activities/caribbean_rpt/SCRBH2005_rpt.pdf	793
/coris/library/NOAA/CRCP/project/20058/proc_wkshp_corallium_science_mgmt_trade.pdf	726
/activities/cdhc_fieldmanual/pdfs/cdhc_2008fieldmanual.pdf	369
/activities/reportcongress2008/full_report.pdf	323

Table 9 identifies the top 10 publications in CoRIS accessed in December 2009.

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

Office	Name
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

Resource	Additions	Total
Glossary	135	5,965
Acronyms/Abbreviations List	308	3,476

Table 11 lists the number of terms added to the CoRIS Glossary and the Acronyms/Abbreviations List from October-December, as well as the total number of terms available in each as of December 31, 2009.