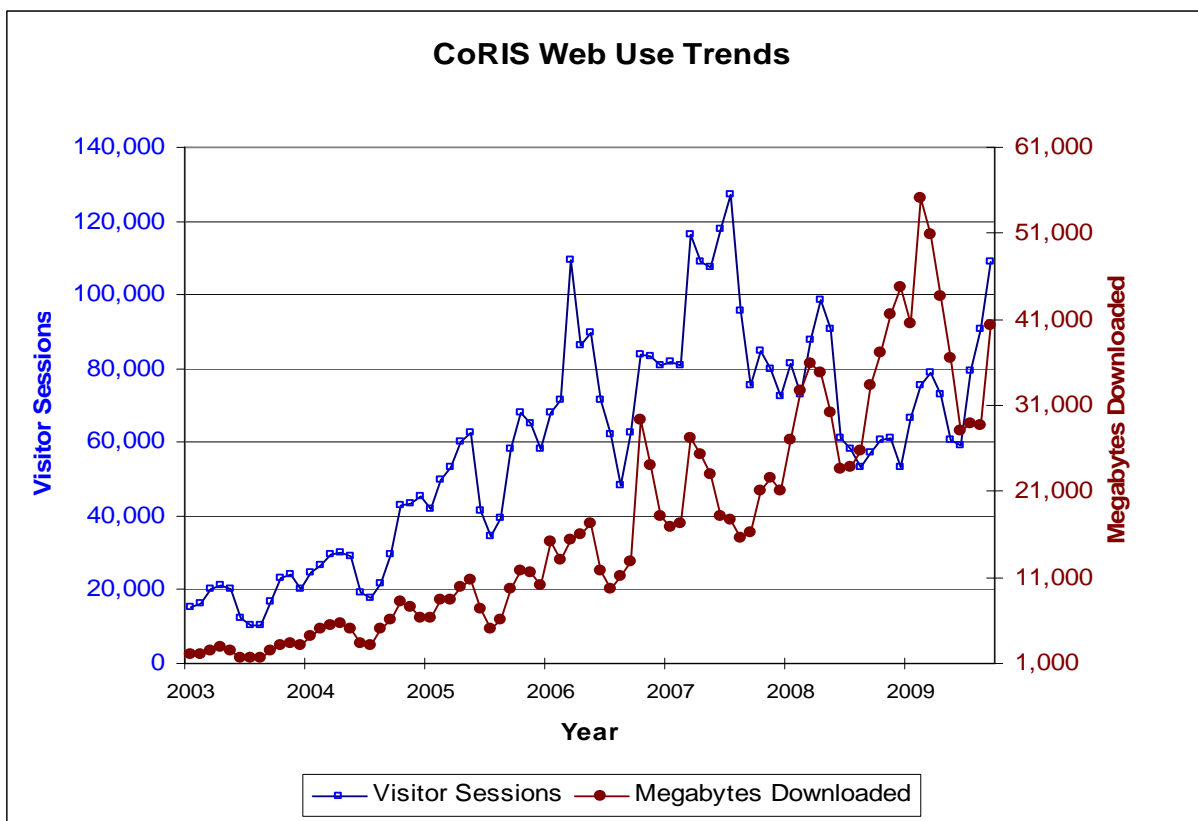


## The NOAA Coral Reef Conservation Program (CRCP) Coral Reef Information System (CoRIS) Status Report July – September 2009

### CoRIS Project Highlights

- The Coral Reef Information System (CoRIS) launched its newly redesigned website on September 22, 2009. Although the content of the website has not changed substantially, CoRIS has worked to improve the overall look, feel, navigability, and functionality of its site. CoRIS requests that all comments, suggestions, and questions about the site be submitted to: [coris@noaa.gov](mailto:coris@noaa.gov).
- Web pages for two new NCCOS publications, *Coral Health and Disease in the Pacific: Vision for Action* and *Field Manual for Investigating Coral Disease Outbreaks*, were added to the "Recent Publications" section of the CoRIS Web site: [http://coris.noaa.gov/activities/coral\\_pub.html](http://coris.noaa.gov/activities/coral_pub.html).
- The U.S. Virgin Islands Ecosystem Essay was added to the website.

### Web Use Trends



**Table 1 – Regional Portal Usage Summary**

	<b>FY08 - Q4</b>	<b>FY09 - Q1</b>	<b>FY09 - Q2</b>	<b>FY09 - Q3</b>	<b>FY09 – Q4</b>	<b>Total</b>
American Samoa	243	275	267	282	243	1,310
CNMI	253	324	364	361	355	1,657
Florida	463	607	651	547	451	2,719
Flower Garden Banks	300	371	398	406	305	1,780
Guam	316	344	370	422	371	1,823
Hawaii	270	510	512	533	441	2,266
Homepage	1,782	1,622	1,269	1,213	1,095	6,981
Marshall Islands	213	282	323	422	336	1,576
Micronesia	256	333	309	380	323	1,601
Navassa	226	292	304	270	231	1,323
NWHI	230	248	213	227	170	1,088
Palau	221	270	299	359	312	1,461
PRIAs	258	310	307	319	236	1,430
Puerto Rico	336	431	403	433	342	1,945
Virgin Islands	408	582	559	482	226	2,257
<b>Total</b>	<b>5,775</b>	<b>6,801</b>	<b>6,548</b>	<b>6,656</b>	<b>5,437</b>	<b>31,217</b>

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

### **CoRIS Product Highlights**

**Metadata** – The 3,031 metadata records in CoRIS provide managers, researchers, and the public access to 31,319 coral data products via the CoRIS Web site portal. As identified in Table 4, CoRIS continues to acquire metadata. Between July and September 2009, staff added 253 new metadata records and updated several hundred records.

**Publications** – CoRIS received 30 coral products for addition to the CoRIS virtual library or NOAA Library from July-September 2009. Types of products received include NOAA technical memoranda, workshop reports, unpublished scientific reports, citations of published journal articles, websites, conference presentations, posters, brochures, and video imagery. The CoRIS Web site currently provides access to 2,128 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 Project Managers and other NOAA coral sources and making this information discoverable on the CoRIS Web site for use by the public. The following nine tables summarize and provide details about the metadata, data, and publications available through CoRIS.

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

	<b>Metadata Records</b>	<b>Data Products</b>	<b>Metadata Working</b>	<b>Data Files Served by CoRIS</b>	<b>CoRIS Library Entries</b>
Dec-07	1,894	19,907	389	1,325	1,466
Mar-08	2,086	21,385	559	1,431	1,587
Jun-08	2,132	20,193	628	1,769	1,528
Sep-08	2,212	20,395	504	7,142	1,534
Dec-08	2,472	30,390	250	7,187	1,690
Mar-09	2,675	30,851	95	7,163	1,695
Jun-09	2,778	30,970	12	7,460	1,816
Sep-09	3,031	31,319	50	7,534	2,128

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 2008; 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**

<b>Office/Group</b>	<b>FY09 Records</b>	<b>Total Records</b>
NESDIS	89	430
NMFS	583	1,594
NOS	211	838
OAR	13	158
Miscellaneous	0	11
<b>Total</b>	<b>896</b>	<b>3,031</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	2006/2007 Reef Fish Belt Transect Surveys & Habitat Quadrat Surveys from Hawaii, Oahu and Midway	3
NMFS	Map of percent scleractinian coral cover along camera sled and ROV tracks in the Auau Channel, Hawaii	1
NMFS	CRED REA Reef Fish Assessment Surveys	38
NMFS	CRED CNMI Gridded Geomorphology data files	44
NMFS	CRED REA Line Point Intercept Surveys of Benthic Parameter Assessments – NWHI, Guam, CNMI, American Samoa, MHI and PRIAs	73
NMFS	CRED REA Belt Surveys of Coral Population and Disease Assessments – Guam, CNMI, Northwestern Hawaiian Islands and Main Hawaiian Islands	27

NMFS	CRED Cruise Metadata - Multibeam Sonar Data	33
OAR	2008 ICON Station - Meteorological and Oceanographic Observations	3
NESDIS	High Resolution Imagery of Selected Coral Reef Systems Prior to and During Suspected Bleaching Events	6
NESDIS	NODC Coral Related data accessions	25
	<b>Total Additions</b>	<b>253</b>
	<b>Total Metadata Record Updates and Enhancements</b>	<b>161</b>

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

**Table 5 – Top Downloaded Metadata Records**

Metadata Name	Number of Downloads
Caribbean Coral Reef, Seagrass and Mangrove Sites (CARICOMP), (NODC Accession 0000501)	154
The Coral Reef Temperature Anomaly Database (CoRTAD) - Global, 4 km, Sea Surface Temperature and Related Thermal Stress Metrics for 1985-2005 (NODC Accession 0044419)	143
Bahamas Sea Water Temperature Data 1988-2003, PIMS Environmental Monitoring Program	114
ESI-VI12 Beef Island, U.K. Virgin Islands 2000 (Environmental Sensitivity Index Map)	113
NOAA Water Level (Tidal) Data from Stations for the Coastal United States Puerto Rico, US Virgin Islands and Territories	111
Pore water studies reef flat sediments, Kaneohe Bay, Oahu, HI (NODC Accession 0000271)	111
Current satellite Sea Surface Temperature Anomaly global 50km HDF data file produced operationally in near-real-time by NOAA Coral Reef Watch	108
Current satellite Sea Surface Temperature global 50km HDF data file produced operationally in near-real-time by NOAA Coral Reef Watch	103
Vectorized Shoreline of Guam, Derived from IKONOS Satellite Imagery, 2000 through 2003	102
Maui Photomosaic 2000 (310-0620) - Orthorectification and Mosaicing of Color Aerial Photography Main Eight Hawaiian Islands	102

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

**Table 6 – Frequency of Metadata Usage**

<b>Month</b>	<b>Number of Metadata Accesses</b>
Oct-08	172,429
Nov-08	128,399
Dec-08	170,864
Jan-09	156,698
Feb-09	150,371
Mar-09	178,932
Apr-09	203,600
May-09	168,993
Jun-09	200,694
Jul-09	173,603
Aug-09	191,212
Sep-09	222,600

Table 6 documents the total number of times metadata records were accessed from the server during each month of FY 2009.

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

<b>Source</b>	<b>Count</b>
NMFS-HC	1
NMFS-PIFSC	17
NMFS-SEFSC	1
NMFS-SERO	1
NOS-OCRM	3
NOS-NCCOS	4
OAR-AOML	2
Coral Reef News and Deep Coral Update	1
<b>Total</b>	<b>30</b>

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

**Table 8 – CRCP and NOAA Coral Publications Cataloged in CoRIS Virtual Library and NOAA Library**

<b>Type of Publication</b>	<b>Count</b>
Journal Article Citations	82

Abstracts in Workshop or Conference Proceedings	15
Books	1
Book Chapters	1
Master's Theses	3
NOAA Web sites	1
Technical Memoranda/Reports	62
Other Websites	5
Miscellaneous/Other	103
Workshop Proceedings	2
<b>Total</b>	<b>275</b>

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

***Table 9 – Coral Reef Data Products provided by CoRIS to NOAA National Data Centers***

<b>Office</b>	<b>Name</b>
NMFS	2006/2007 Reef Fish Belt Transect Surveys & Habitat Quadrat Surveys from Hawaii, Oahu and Midway
OAR	2008 ICON Station data - Salt River Bay
OAR	2008 ICON Station data - Discovery Bay
OAR	2008 ICON Station data - Media Luna

Table 9 identifies those data products that CoRIS submitted to a NOAA National Data Center for archiving during the past quarter.

***Table 10 – CoRIS Glossary and Acronyms/Abbreviations List***

<b>Resource</b>	<b>Additions</b>	<b>Total</b>
Glossary	106	5,830
Acronyms/Abbreviations List	239	3,168

Table 10 lists the number of terms added to the CoRIS Glossary and the Acronyms/Abbreviations List from July-September, as well as the total number of terms available in each as of September 30, 2009.