



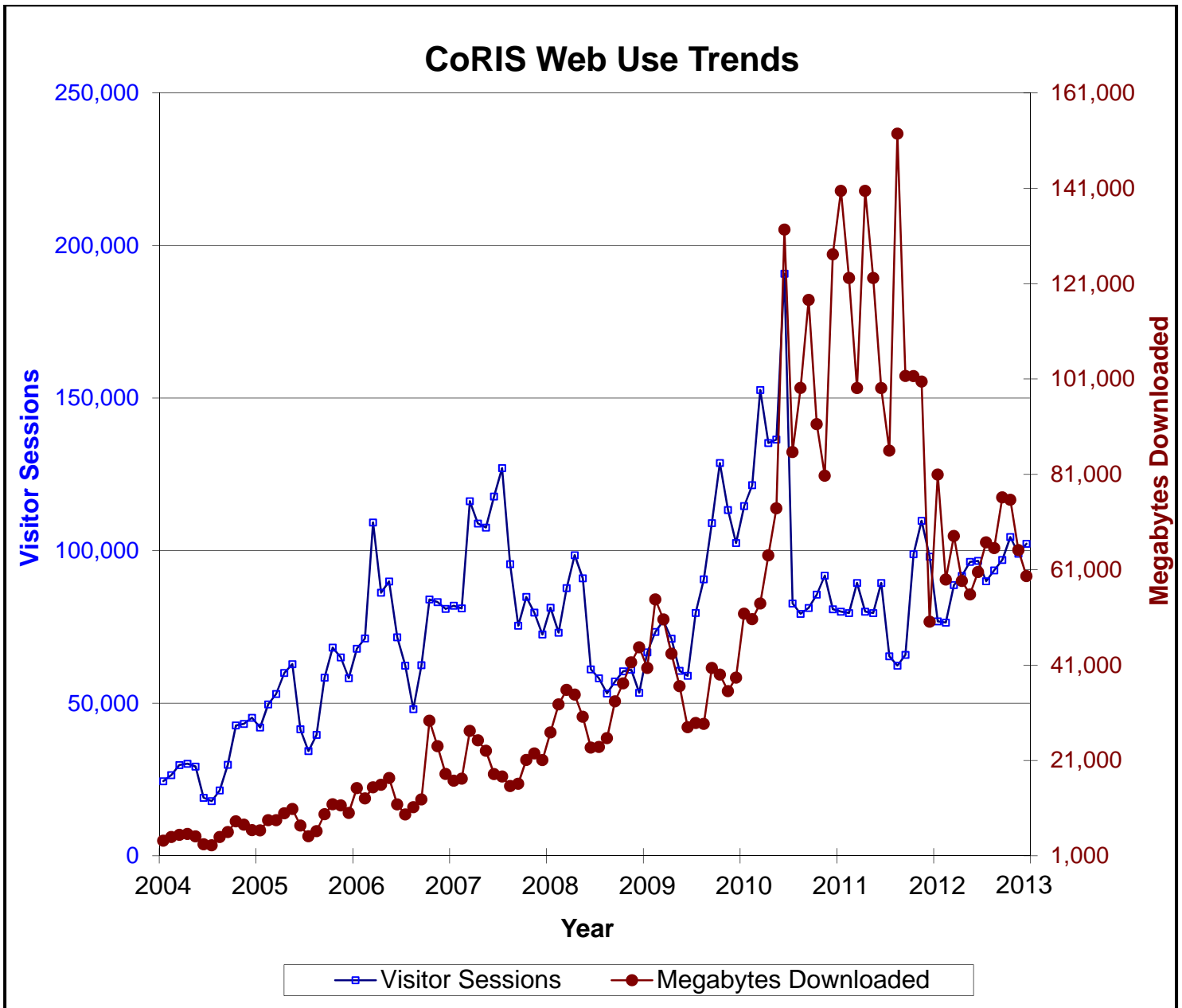
**NOAA's Coral Reef Conservation Program (CRCP)
Coral Reef Information System (CoRIS) Quarterly Report**

**Q1 FY 2013
October – December 2013**

CoRIS Project Highlights

- Web page added for the STEER Coastal Use Mapping Project:
<http://coris.noaa.gov/portals/steer/>
- We automated the storage of the bleaching alert emails issued for the Coral Reef Watch operational virtual stations. We had previously been asked to maintain a digital repository of past bleaching alerts. By automating the process we removed the staffing requirement needed to create and post the digital text files each time a new alert was issued. The bleaching alert repository can be accessed here from our website:
<http://data.nodc.noaa.gov/coris/data/NOAA/nedis/ora/SatelliteBleachingAlerts/>
- We updated our underlying metadata management system to eliminate our reliance on the NOAA Metadata Management Repository (NMMR) system which is based on technology that is no longer supported by the vendor.

Web Use Trends



In addition to the above statistics 142,770 publications were accessed by visitors to the website during the first quarter of FY 2013.

Table 1 – Regional Portal Usage Summary

Regional Portal	FY11 – Q1	FY11 – Q2	FY11 – Q3	FY11 – Q4	FY12 – Q1	FY12 – Q2	FY12 – Q3	FY12 – Q4	FY13 – Q1	Total
American Samoa	583	751	594	713	598	573	918	718	928	6,376
CNMI	1138	823	679	723	719	820	1,037	964	1,288	8,191
Florida	1,174	1,229	1,067	1,360	1,640	1,843	2,779	2,436	2,695	16,223
Flower Garden Banks	718	843	746	723	719	682	2,201	3,364	977	10,973
Guam	670	935	815	1099	1,081	1,174	1,531	1,100	1,290	9,695
Hawaii	741	875	742	973	1,199	1,017	1,206	1,325	1,693	9,771
Homepage	1,124	1,053	994	1,123	921	857	4,683	8,424	1,626	20,805
Marshall Islands	1,091	984	836	928	1,125	1,147	1,374	1,472	1,719	10,676
Micronesia	476	669	663	635	660	601	835	693	911	6,143
Navassa	606	652	555	596	555	576	883	709	918	6,050
NWHI	418	569	444	585	583	539	874	732	914	5,658
Palau	503	568	552	621	534	520	801	664	931	5,694
PRIAs	647	691	611	663	609	608	907	769	955	6,460
Puerto Rico	1,251	1,255	1,322	2566	1217	1,193	1,435	1,697	1,525	13,461
Virgin Islands	574	617	591	769	687	724	960	809	998	6,729
Total	11,714	12,514	11,211	14,077	12,847	12,874	22,424	25,876	19,368	142,905

Table 1 demonstrates the number of times Regional Portal pages were accessed by visitors to the CoRIS Web site each quarter since the first quarter in FY 2011.

CoRIS Product Highlights

Metadata – The 4,776 metadata records in CoRIS provide managers, researchers, and the public access to 46,979 coral data products via the CoRIS Web site portal. As identified in Table 4, CoRIS continues to acquire metadata. Between October and December 2012, staff added 36 new metadata records and updated 4,766 records.

Publications – CoRIS received and cataloged 45 coral publications in the CoRIS virtual library or NOAA Library from October to December. Types of products on the CoRIS website 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 3,519 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 ten 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 Virtual Library Entries
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
Dec-10	4,465	33,029	8,561	2,870
Mar-11	4,396	30,737	8,611	2,994
Jun - 11	4,470	30,979	8,666	3,074
Dec -11	4,616	42,684	8,748	3,192
Mar - 12	4,647	43,219	8,793	3,264
Jun - 12	4,665	45,702	8,833	3,346
Sep - 12	4,732	46,397	8,898	3,381
Dec - 12	4,766	46,979	8,936	3,519

Table 2 presents the quarterly total of metadata records, data files, data products, and publications that are served by the CoRIS Web site since the first quarter of FY 2010.

Table 3 – Summary of CoRIS Metadata Records by Line Office

Office/Group	FY13 Records	Total Records
NESDIS	2	265
NMFS	6	3,208
NOS	28	1,082
OAR	0	200
Miscellaneous	0	11
Total	36	4,766

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

Table 4 – Recent CoRIS Metadata Additions

Source	Description	Metadata Records
NESDIS	Coral species identification and occurrences from sites at Mandano and Wakatobi, Sulawesi, Indonesia and Raiatea, Society Islands, French Polynesia, March-May, 2002 (NODC Accession 0039738)	1
NESDIS	NOAA Coral Reef Watch Experimental Daily Near-Real-Time Light Stress Damage Product for the Caribbean Region	1
NMFS	CRReefs Biodiversity Census at French Frigate Shoals, Northwestern Hawaiian Islands Marine National Monument, 2006	1
NOS	CRED Geomorphology data for Galvez Bank, South Galvez Bank, and 11-Mile Reef, Territory of Guam	4
NOS	Acoustic Tracking of Fish Movements in Coral Reef Ecosystems in St John (USVI), 2006-2010	1
NOS	STEER Coastal Use Mapping Project	1
NOS	Seafloor Characterization of the US Caribbean Project – 2011 data	25
NOS	Deep Sea Coral National Observation Database, Northeast Region	1
NMFS	CRED Biological Monitoring of Coral Reefs in the Kahekili Herbivore Fisheries Management Area, Maui	1
	Total Additions	36
	Total Metadata Record Updates and Enhancements	4,766

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

Table 5 – Top Ten Downloaded Metadata Records

Metadata Name	Number of Downloads
2008 IKONOS Image Vieques Puerto Rico - opo_260684_001_ps	790
High Resolution Aerial Photography of Puerto Rico and the U.S. Virgin Islands, 1965-1999	567
ICON - Salt River Bay 2011 Meteorological and Oceanographic Observations (NODC Accession 0098077)	537
4 km NODC/RSMAS AVHRR Pathfinder Version 5 Seasonal and Annual Day-Night Sea Surface Temperature Climatologies for 1982-2009 for the Gulf of Mexico (NODC Accession 0072888)	525
Florida Reef Fish Visual Census 1999 - Present	517
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)	506
National Status and Trends, Benthic Surveillance Project DNA-Xenobiotic Adducts Data, 1991, National Centers for Coastal Ocean Science	503
Jobos Bay, Puerto Rico Fish Assessment and Monitoring Data (June 2009)	502
Environmental Sensitivity Index (ESI) Atlas, Gulf of Mexico, Upper Coast of Texas PDFs 1996, Louisiana 2003, Mississippi 2009, Alabama 2007, Florida 1995-2003 maps and geographic information systems data (NODC Accession 0064870)	502
Bahia Las Minas, Panama Oil Spill Assessment 1986-1991, (NODC Accession 9400033)	475

Table 5 identifies the top ten metadata records accessed this quarter.

Table 6 – Frequency of Metadata Usage

Month	Number of Metadata Accessed
Jan-11	170,709
Feb-11	240,394
Mar-11	167,953
Apr-11	188,749
May-11	303,173
Jun-11	237,000
Jul-11	210,239
Aug-11	196,489
Sep-11	253,712
Oct-11	229,396
Nov-11	214,241
Dec-11	265,477
Jan-12	171,707
Feb-12	251,850
Mar-12	312,599
Apr-12	297,809
May-12	373,116
Jun-12	424,311
Jul-12	356,669
Aug-12	368,232
Sep-12	408,299
Oct-12	645,204
Nov-12	357,701
Dec-12	386,480

Table 6 documents the total number of times metadata records were accessed from the server.

Table 7 – NOAA and CRCP Coral Publications Received

Source	Count
NESDIS-NODC	3
NMFS	1
NMFS-HC	1
NMFS-SEFSC	1
NMFS-PIFSC	4
NMFS-PIRO	5
NMFS-NEFSC	1
NOS-ONMS	1
NOS-NCCOS	3
NOS-OCRM	1
Total	21

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 – Coral Publications Cataloged
(this includes both NOAA & non-NOAA publication)

Type of Publication	Count
Journal Article Citations	12
Web sites	1
NOAA Web Sites	7
Technical Memoranda and Reports	21
Miscellaneous/Other	4
Total	45

Table 8 documents the different types of coral publications added to the CoRIS virtual library catalog this quarter.

Table 9 – Top Ten Downloaded Publications

File Name	Number of Downloads
Demographic Baseline Report of U.S. Territories and Counties Adjacent to Coral Reef Habitats - U.S. Virgin Islands Chapter	25,994
CoRIS Glossary of Terminology	13,280
A Reef Manager's Guide To Coral Bleaching	9,743
NOAA Coral Reef Ecosystem Research Plan for Fiscal Years 2007 to 2011	4,842
Status of Caribbean coral reefs after bleaching and hurricanes in 2005	4,455
State of Deep Coral Ecosystems in the Caribbean Region: Puerto Rico and the U.S. Virgin Islands	3,916
Demographic Monitoring Protocols for Threatened Caribbean Acropora APP. Corals	3,730
State of Deep Coral Ecosystems in the Caribbean Region: Gulf of Mexico	3,391
CoRIS Acronym List	3,089
State of Deep Coral Ecosystems in the Caribbean Region: Introduction	3,040

Table 9 identifies the top ten publications accessed in CoRIS from October to December 2012.

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

Office	Name
None	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	0	6,398
Acronyms/Abbreviations List	11	5,282

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 one of the most highly accessed sections of the CoRIS Web site.