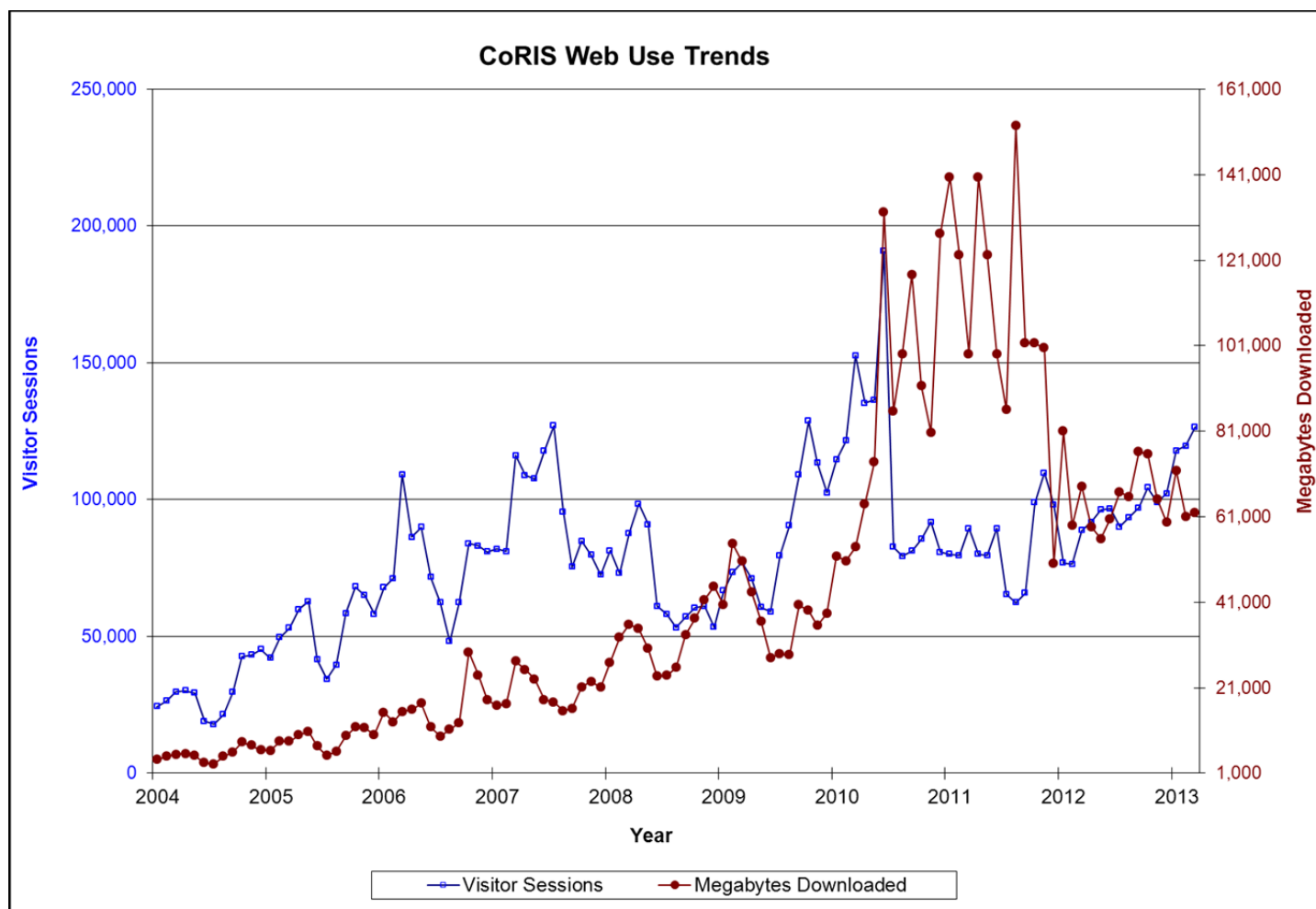




## NOAA's Coral Reef Conservation Program (CRCP) Coral Reef Information System (CoRIS) Quarterly Report

### Q2 FY 2013 January – March 2013

#### Web Use Trends



In addition to the above statistics 143,814 publications were accessed by visitors to the website during the second quarter of FY 2013.

**Table 1 – Regional Portal Usage Summary**

Regional Portal	FY11 – Q2	FY11 – Q3	FY11 – Q4	FY12 – Q1	FY12 – Q2	FY12 – Q3	FY12 – Q4	FY13 – Q1	FY13 – Q2	Total
American Samoa	751	594	713	598	573	918	718	928	813	6,606
CNMI	823	679	723	719	820	1,037	964	1,288	1,170	8,223
Florida	1,229	1,067	1,360	1,640	1,843	2,779	2,436	2,695	2,615	17,664
Flower Garden Banks	843	746	723	719	682	2,201	3,364	977	800	11,055
Guam	935	815	1099	1,081	1,174	1,531	1,100	1,290	1,018	10,043
Hawaii	875	742	973	1,199	1,017	1,206	1,325	1,693	1,111	10,141
Homepage	1,053	994	1,123	921	857	4,683	8,424	1,626	830	20,511
Marshall Islands	984	836	928	1,125	1,147	1,374	1,472	1,719	1,160	10,745
Micronesia	669	663	635	660	601	835	693	911	790	6,457
Navassa	652	555	596	555	576	883	709	918	786	6,230
NWHI	569	444	585	583	539	874	732	914	734	5,974
Palau	568	552	621	534	520	801	664	931	793	5,984
PRIAs	691	611	663	609	608	907	769	955	879	6,692
Puerto Rico	1,255	1,322	2566	1217	1,193	1,435	1,697	1,525	1,261	13,471
Virgin Islands	617	591	769	687	724	960	809	998	866	7,021
Total	12,514	11,211	14,077	12,847	12,874	22,424	25,876	19,368	15,626	146,817

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

## CoRIS Product Highlights

**Metadata** – The 4,902 metadata records in CoRIS provide managers, researchers, and the public access to 47,587 coral data products via the CoRIS Web site portal. As identified in Table 4, CoRIS continues to acquire metadata. Between January and March 2013, staff added 141 new metadata records and updated 79 records.

**Publications** – CoRIS received and cataloged 63 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website include NOAA technical memoranda and formal reports, workshop reports, conference proceedings and abstracts, unpublished scientific reports, citations of published journal articles, websites, educational brochures, field guides, and video imagery.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 3,576 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**

	<b>Metadata Records</b>	<b>Data Products</b>	<b>Data Files Served by CoRIS</b>	<b>CoRIS Virtual Library Entries</b>
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
Mar - 13	4,902	47,587	8,978	3,576

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**

<b>Office/Group</b>	<b>FY13 Records</b>	<b>Total Records</b>
NESDIS	5	268
NMFS	120	3,323
NOS	50	1,100
OAR	0	200
Miscellaneous	0	11
<b>Total</b>	<b>175</b>	<b>4,902</b>

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

**Table 4 – Recent CoRIS Metadata Additions**

<b>Source</b>	<b>Description</b>	<b>Metadata Records</b>
NMFS	CRED Subsurface Temperature Recorder (STR) data – American Samoa and the Pacific Remote Island Areas	78
NMFS	CRED 2012 Shallow CTD Profiles – American Samoa and the Pacific Remote Island Areas	12
NMFS	CRED Temperature and Conductivity Recorders - Palmyra Atoll	6
NMFS	CRED Geomorphology Data - Farallon de Medinilla	4
NESDIS	2011 NOAA Ortho-rectified Mosaic of Yabucoa, Puerto Rico (NODC Accession 0074381)	1
NESDIS	2011 NOAA Ortho-rectified Mosaic of Tallaboa, Puerto Rico (NODC Accession 0074381)	1
NOS	Shallow-Water Benthic Habitats of Southwest Puerto Rico, ground validation data, accuracy assessment data, and source orthoimagery	9
NOS	West Maui, Hawaii, Coastal Uses Participatory Mapping Project, 2011	1
NOS	Coastal Use Mapping Project - Northwest Hawai'i	1
NESDIS	Environmental Sensitivity Index (ESI) Atlas: U.S. and British Virgin Islands Maps and Geographic Information Systems Data Digital Data Re-release, 2000 (NODC Accession 0049955)	1
NMFS	Historic Inventory of Acropora Around Puerto Rico and U.S. Virgin Islands (1965-2011)	1
NMFS	Integrated hard and soft bottom seafloor substrate maps of Ta'u and Ofu-Olosega	2
NMFS	Inter-disciplinary study of flow dynamics and sedimentation stress effects on coral colonies in Faga'alu Bay, American Samoa	4
NMFS	Rugosity and Slope data for the Thirty-Five Fathom Bank and Thirty-Seven Fathom Bank, Commonwealth of the Northern Marianas	2
NMFS	CRED Wave and Tide Recorder (WTR); Tutuila, American Samoa	1
NOS	Characterization of benthic habitats and reef fish populations within St. Thomas East End Reserve (STEER), USVI	2
NOS	Baseline ecosystem assessment of the Flower Garden Banks	7
NOS	Ecosystem assessment of USVI and Puerto Rico	4
NMFS	Mosaic of bathymetry derived from multispectral World View-2 satellite imagery of Ni'ihau Island, Territory of the Main Hawaiian Islands, USA	1
NMFS	Mosaic of gridded multibeam bathymetry and bathymetry derived from multispectral World View-2 satellite imagery of Ni'ihau Island, Territory of Main Hawaiian Islands, USA	1

NMFS	Mosaic of gridded multibeam bathymetry and bathymetry derived from multispectral World View-2 satellite imagery of Rota Island, Territory of Mariana, USA	1
NMFS	Gridded multibeam bathymetry of Zealandia Bank, Commonwealth of the Northern Mariana Islands (CNMI)	1
	<b>Total Additions</b>	<b>141</b>
	<b>Total Metadata Record Updates and Enhancements</b>	<b>79</b>

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	841
High Resolution Aerial Photography of Puerto Rico and the U.S. Virgin Islands, 1965-1999	524
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)	471
National Status and Trends, Benthic Surveillance Project DNA-Xenobiotic Adducts Data, 1991, National Centers for Coastal Ocean Science	438
Deep Sea Coral National Observation Database, Northeast Region	423
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)	422
NOAA Shapefile - Drop Camera Transects Lines, USVI 2011 , Seafloor Characterization of the US Caribbean - Nancy Foster - NF-11-1 (2011), UTM 20N NAD83	409
Landsat 7 ETM/1G satellite imagery - Hawaiian Islands cloud-free mosaics	393
1995 Quantitative Survey of the Corals of American Samoa (NODC Accession 0001972)	393
4 km NODC/RSMAS AVHRR Pathfinder v.5.0 Sea Surface Temperature (SST) Climatologies (1985-2001)	386

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

**Table 6 – Frequency of Metadata Usage**

<b>Month</b>	<b>Number of Metadata Accessed</b>
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
Jan-13	411,413
Feb-13	324,160
Mar-13	365,033

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

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

<b>Source</b>	<b>Count</b>
NOAA	2
NESDIS	1
NMFS - HC	4
NMFS - PIRO	4
NMFS - SEFSC	8
NMFS - PIFSC	9
NOS	7
NOS - NCCOS	2
NOS - ONMS	1
NOS - OCRM	2
OAR - AOML	3
OAR - GFDL	1
<b>TOTAL</b>	<b>44</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 – Coral Publications Cataloged**  
(this includes both NOAA & non-NOAA publication)

<b>Type of Publication</b>	<b>Count</b>
Journal Article Citations	16
Web sites	5
NOAA Web Sites	2
Technical Memoranda and Reports	34
Media	4
Miscellaneous/Other	2
<b>Total</b>	<b>63</b>

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

**Table 9 – Top Ten Downloaded Publications**

<b>File Name</b>	<b>Number of Downloads</b>
Demographic Baseline Report of U.S. Territories and Counties Adjacent to Coral Reef Habitats - U.S. Virgin Islands Chapter	18,984
State of Deep Coral Ecosystems of the United States: 2007	15,129
CoRIS Glossary of Terminology	11,130
Field Manual for Investigating Coral Disease Outbreaks	7,705
A Reef Manager's Guide To Coral Bleaching	6,159
Status of Caribbean coral reefs after bleaching and hurricanes in 2005	5,860
NOAA Coral Reef Ecosystem Research Plan for Fiscal Years 2007 to 2011	5,446
Coral Reef habitat Assessment for U.S. Marine Protected Areas: U.S. Virgin Islands	4,584
CoRIS Acronyms/Abbreviations	4,308
State of Deep Coral Ecosystems in the Gulf of Mexico Region: Texas to the Florida Straits	4,181
State of Deep Coral Ecosystems of the U.S. pacific Coast: California to Washington	3,249

Table 9 identifies the top ten publications accessed in CoRIS from January to March 2013.

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

<b>Office</b>	<b>Name</b>
NOS	NOAA/NOS National Centers for Coastal Ocean Science (NCCOS)/Center for Coastal Ocean Science (CCMA) benthic habitat and fish community assessment, Flower Garden Banks, Texas, 2009-2011 (NODC 0104344)
NOS	NOAA/NOS National Centers for Coastal Ocean Science (NCCOS)/Center for Coastal Ocean Science (CCMA) benthic habitat and fish community assessment, La Parguera and Guanica, Puerto Rico, 2011-2012 (NODC 0104343)
NOS	NOAA/NOS National Centers for Coastal Ocean Science (NCCOS)/Center for Coastal Ocean Science (CCMA) benthic habitat and fish community assessment, U.S. Virgin Islands, 2011-2012 (NODC 0088018)

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	3	6,401
Acronyms/Abbreviations List	12	5,294

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.