



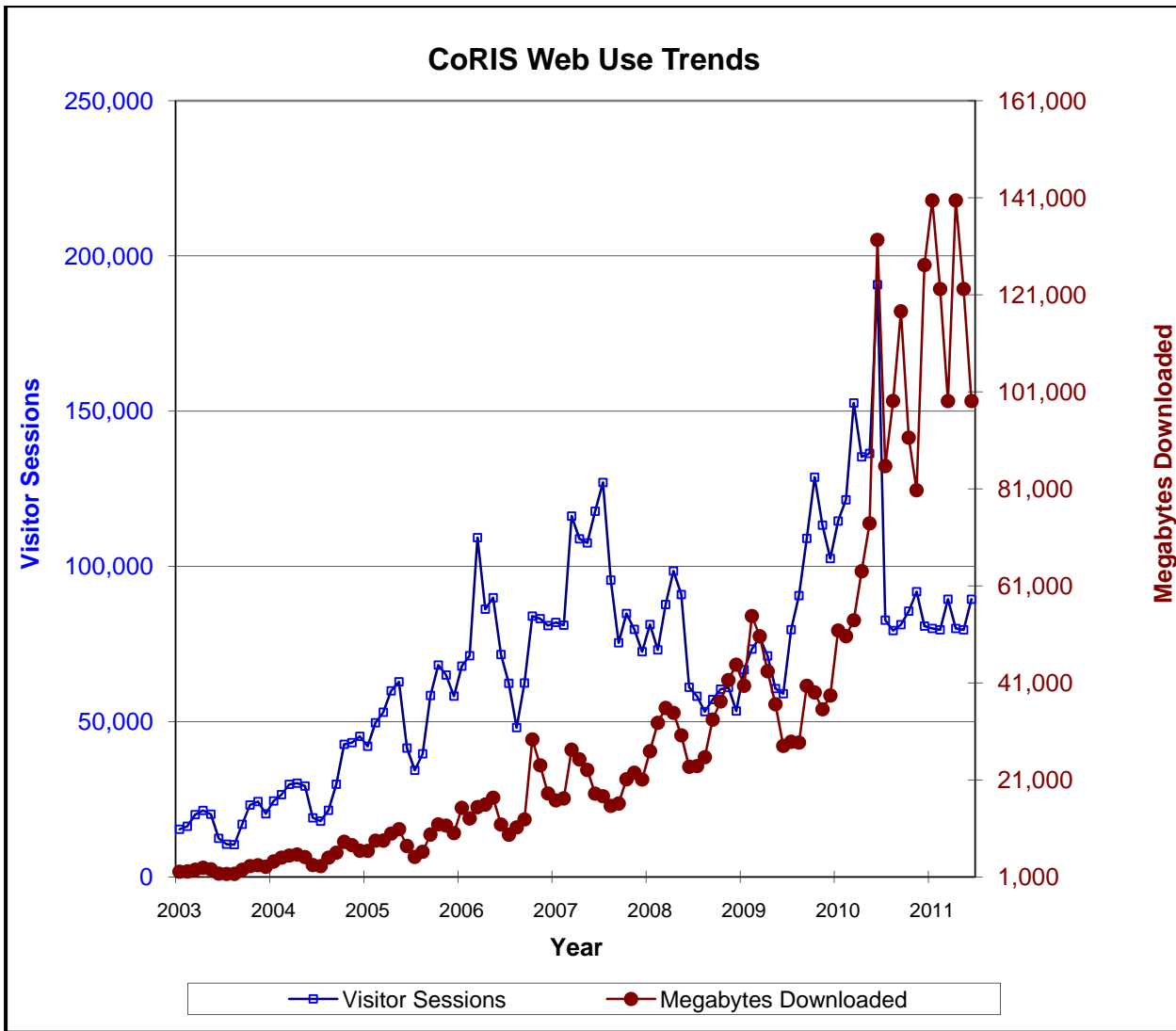
NOAA's Coral Reef Conservation Program (CRCP) Coral Reef Information System (CoRIS) Quarterly Report

**Q3 FY 2011
April – June 2011**

CoRIS Project Highlights

- Based on input from the CRCP community, CoRIS has begun work on the next version of the CoRIS search tool using the ESRI Geoportal Extension technology.
- Two new featured publications were added to the CoRIS website:
 - *NOAA Coral Reef Conservation Program MPA Management Assessment Checklist*
(http://data.nodc.noaa.gov/coris/library/NOAA/CRCP/other/other_crmp_publications/mpa_checklist/crcp_mpa_management_assessment_checklist.pdf)
 - *User's Guide for the NOAA Coral Reef Conservation Program MPA Checklist*
(http://data.nodc.noaa.gov/coris/library/NOAA/CRCP/other/other_crmp_publications/mpa_checklist/noaa_mpa_checklist_user_guide.pdf)
- The Glossary of Terminology is one of the most utilized resources on the CoRIS website. We have recently added a search tool to increase the usability and functionality of this resource. The search tool allows a search of the glossary by term or definition using a key term or search phrase. The search tool can be accessed at:
http://www8.nos.noaa.gov/coris_glossary/glossaryterm.aspx.
- CoRIS staff participated in the NOAA Environmental Data Management conference where we attended a three day ISO 19115 metadata training workshop. This workshop provided training and strategies for achieving better data documentation using the ISO standards.
- The CoRIS team briefed Ms. Sissy Iona from the Hellenic National Oceanographic Data Centre in Attica, Greece about the CoRIS project and the role of NODC within the Coral Reef Conservation Program.
- CoRIS staff attended the NOS Summer Web Workshop. This workshop focused on providing guidelines for making sites technically current thereby increasing their loading efficiency and accessibility to search engines and users.

Web Use Trends



In addition to the above statistics 35,967 publications were accessed by visitors to the website during the third quarter of FY 2011.

Table 1 – Regional Portal Usage Summary

Regional Portal	FY09 - Q3	FY09 - Q4	FY10 - Q1	FY 10 - Q2	FY 10 - Q3	FY 10 - Q4	FY11 - Q1	FY11 - Q2	FY11 - Q3	Total
American Samoa	282	243	805	721	928	606	583	751	594	5,513
CNMI	361	355	827	1,151	1,854	1,263	1138	823	679	8,451
Florida	547	451	1,035	1,163	1,646	1,100	1,174	1,229	1,067	9,412
Flower Garden Banks	406	305	711	742	1,214	775	718	843	746	6,460
Guam	422	371	976	948	1,175	714	670	935	815	7,026
Hawaii	533	441	1,024	1,078	1,150	805	741	875	742	7,389
Homepage	1,213	1,095	1,566	1,652	1,921	1,284	1,124	1,053	994	11,902
Marshall Islands	422	336	827	867	1,199	869	1,091	984	836	7,431
Micronesia	380	323	694	713	908	547	476	669	663	5,373
Navassa	270	231	657	826	897	570	606	652	555	5,264
NWHI	227	170	526	553	647	461	418	569	444	4,015
Palau	359	312	726	676	846	567	503	568	552	5,109
PRIAs	319	236	675	905	539	624	647	691	611	5,247
Puerto Rico	433	342	993	1,007	1,475	1,695	1,251	1,255	1,322	9,773
Virgin Islands	482	226	671	830	881	620	574	617	591	5,492
Total	6,656	5,437	12,713	13,832	17,280	12,500	11,714	12,514	11,211	103,857

Table 1 demonstrates the number of times Regional Portal pages were accessed by visitors to the CoRIS Web site each quarter since the third quarter in FY 2009.

CoRIS Product Highlights

Metadata – The 4,470 metadata records in CoRIS provide managers, researchers, and the public access to 30,979 coral data products via the CoRIS Web site portal. As identified in Table 4, CoRIS continues to acquire metadata. Between April and June 2011, staff added 74 new metadata records and updated 256 records.

Publications – CoRIS received and cataloged 42 coral publications in the CoRIS virtual library or NOAA Library from April to 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 3,074 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

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	FY11 Records	Total Records
NESDIS	16	231
NMFS	365	3,024
NOS	59	1,025
OAR	15	179
Miscellaneous	0	11
Total	455	4,470

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

Table 4 – Recent CoRIS Metadata Additions

Source	Description	Metadata Records
NMFS	CRED Rapid Ecological Assessment Reef Fish Survey at Wake, Pacific Remote Island Areas in 2011	1
NMFS	CRED Towed-Diver Fish Biomass Survey at Wake, Pacific Remote Island Areas in 2011	1
NMFS	CRED Subsurface Temperature Recorder station data from the PRIAs, Guam and CNMI	49
NMFS	FBSAB Recruit Fish Habitat Use Surveys at Hawaii Island (Big Island), Main Hawaiian Islands, 2009 (NODC Accession 0073870)	1
NMFS	FBSAB RECRUIT Reef Fish Belt Transect Survey at Hawaii Island (Big Island), Main Hawaiian Islands, 2009 (NODC Accession 0073870)	1
NMFS	FBSAB PREDATOR Reef Fish Belt Transect Surveys at Hawaii Island (Big Island), Main Hawaiian Islands, 2009 (NODC Accession 0073870)	1

NMFS	CRED 10m and 60m Geomorphology Layers for Wake Island including Slope, Rugosity, BPI Structures and BPI Zones	8
NMFS	Gridded bathymetry of Reef Runway, Oahu Hawaii, USA	1
NMFS	Gridded bathymetry of Farallon de Medinilla (FDM), Commonwealth of the Northern Mariana (CNMI), USA	1
NMFS	Gridded bathymetry of Galvez Bank, S. Galvez Bank, and 11-Mile Reef, Territory of Guam, USA	1
NMFS	Gridded bathymetry of 35 fthm Bank, and 37 fthm Bank, north of Farallon de Medinilla, CNMI, USA	1
NMFS	CRED Sea Surface Temperature (SST) Buoy; Maug, Commonwealth of the Northern Mariana Islands; Long: 145.23196, Lat: 20.02909 (WGS84); Sensor Depth: 0.19m; Data Date Range: 20090428-20110418	1
NMFS	Fish survey data from Uva Island reef, Panama	1
NOS	St. Croix, USVI Land-sea characterization of East End Marine Park to evaluate zones and support management plan review – Fish & Benthic Composition Database	2
NOS	Baseline assessment of fish and benthic communities of the Flower Garden Banks (2010 - 2013)	2
NESDIS	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)	1
OAR	NOAA Coral Reef Watch 25km Ocean Acidification Product Suite (OAPS) for January 1988 to the present covering the Greater Caribbean Region	1
	Total Additions	74
	Total Metadata Record Updates and Enhancements	256

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
1995 Quantitative Survey of the Corals of American Samoa (NODC Accession 0001972)	402
National Status and Trends, Benthic Surveillance Project DNA-Xenobiotic Adducts Data, 1991, National Centers for Coastal Ocean Science	374
Accuracy Assessment Sites (Mean Location) - Moderate-Depth Benthic Habitats of St. John, U.S. Virgin Islands (2009)	357
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)	354
GIS Map of Mosaiced LandSat 7 ETM+ Satellite Imagery of the Marshall Islands	340
Caribbean Coral Reef, Seagrass and Mangrove Sites (CARICOMP), (NODC Accession 0000501)	332
Florida Reef Fish Visual Census 1985 Species Site Matrix (NODC Accession 0001394)	328
National Status and Trends: Bioeffects Program - Biscayne Bay, Florida (1995-1996) Database	313
Photoquadrat Images from the Hawaii Coral Reef Assessment and Monitoring Program (CRAMP): Data from 1999 - 2002 (NODC Accession 0001115)	308
High Resolution Aerial Photography of the Main Eight Hawaiian Islands, 2000	304

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

Table 6 – Frequency of Metadata Usage

Month	Number of Metadata Accessed
Jan-10	187,015
Feb-10	129,503
Mar-10	222,840
Apr-10	188,749
May-10	206,281
Jun-10	146,966
Jul-10	122,998
Aug-10	147,349
Sep-10	156,110
Oct-10	194,968
Nov-10	141,102
Dec-10	180,543
Jan-11	170,709
Feb-11	240,394
Mar-11	167,953
Apr-11	188,749
May-11	303,173
Jun-11	237,000

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

Table 7 – CRCP and NOAA Coral Publications Received

Source	Count
NESDIS-NODC	0
NESDIS-STAR	0
NMFS/HC	0
NMFS-SEFSC	1
NMFS-PIFSC	9
NMFS-PIRO	1
NOS – IPO	1
NOS-NCCOS	3
NOS-OCRM	8
NOS-ONMS	3
OAR-AOML	0
NOAA	0
Total	26

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
Book	2
Journal Article Citations	10
Other Websites	3
Technical Memoranda and Reports	23
Workshop Proceedings	0
Miscellaneous/Other	4
Total	42

Table 8 documents the different types of coral publications added to the CoRIS virtual library and NOAA Library catalogs this quarter.

Table 9 – Top Ten Downloaded Publications

File Name	Number of Downloads
A Reef Manager's Guide to Coral Bleaching	9,711
Demographic Baseline Report of U.S. Territories and Counties Adjacent to Coral Reef Habitats: U.S. Virgin Islands	7,849
The State of Deep Coral Ecosystems of The United States: 2007	5,835
Proceedings of the International Workshop on Reed Coral Science, Management, and Trade Lessons from the Mediterranean	4,892
Valoración económica de los arrecifes de coral y ambientes asociados en el Este de Puerto Rico: Fajardo, Arrecifes La Cordillera, Vieques y Culebra	4,495
CoRIS Glossary of Terminology	4,370
Coral Reef Habitat Assessment for U.S. Marine Protected Areas: U.S. Territory of American Samoa	4,172
The State of Deep Coral Ecosystems of the United States: 2007 - State of Deep Coral Ecosystems of the U.S. Pacific Coast	3,106
Demographic Baseline Report of U.S. Territories and Counties Adjacent to Coral Reef Habitats	3,082
The State of Deep Coral Ecosystems of the United States: 2007 - Introduction and National Overview	2,755

Table 9 identifies the top ten publications accessed in CoRIS from April to June 2011.

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

Office	Name
NMFS	FBSAB PREDATOR Reef Fish Belt Transect Surveys at Hawaii Island (Big Island), Main Hawaiian Islands, 2009 (NODC Accession 0073870)
NMFS	FBSAB Recruit Fish Habitat Use Surveys at Hawaii Island (Big Island), Main Hawaiian Islands, 2009 (NODC Accession 0073870)
NMFS	FBSAB RECRUIT Reef Fish Belt Transect Survey at Hawaii Island (Big Island), Main Hawaiian Islands, 2009 (NODC Accession 0073870)

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	2	6,392
Acronyms/Abbreviations List	22	5,229

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.