



The NOAA Coral Reef Conservation Program (CRCP) Coral Reef Information System (CoRIS) Status Report on Metadata, Data and Information Resources January – March 2008

CoRIS Product Highlights

Metadata - The 2086 CoRIS metadata records provide managers, researchers and the public access to 21385 coral data products via the CoRIS web site portal. As can be seen in Table 2, CoRIS is still acquiring metadata for some of the earlier, as-well-as recent CRCP data sets. CoRIS staff added 192 new metadata records, and updated over 100 records.

Data –

CoRIS received:

CRED REA Algae Assessment for PRIA 2008

CRED REA Benthic Cover for PRIA 2006 and 2008

CRED REA Coral Disease for PRIA 2008

CRED REA Corals for PRIA 2008

CRED REA Fish Belt Transect and Stationary Point Count for PRIA 2008

CRED REA Invertebrates for PRIA 2008

CRED REA NWHI and MHI Algae 2006, Tutuila 2004

LANDSAT for Managing Nonpoint Source Pollution in Coastal Ecosystems of USVI

AVHRR

CRED REA Fish Point Belt and Stationary Point Counts for Wake, 2005

CRED REA Fish Belt and Stationary Point Counts for Marianas 2005

Publications, etc. - CoRIS received 36 coral publications, reports, web sites, presentations, posters, brochures, citations, and videos for addition to the CoRIS Library from January through March 2008.

Via the CoRIS web site the NOAA Library provides access to 1186 coral publications, referenced in the NOAA Library, as well as access to another 547 NOAA and other coral reef publications and online resources.

Tables

CoRIS is gathering coral reef data and publications from CRCP funded coral projects for users of the CoRIS web site, the NOAA portal to coral reef data and information. The following tables present summaries and details of CoRIS metadata, data and publication references, from NOAA's coral reef projects and other sources.

Table 1 - Summary of CoRIS Data and Information Items

	Available via CoRIS Web Site					
	Metadata Records	Data Products	Metadata Working	Data Files Served by CoRIS	Pubs, Reports, Websites, etc. available	New Pubs, Websites, etc.
Oct-03	301	9180	105	2	718	-
Sep-04	597	9730	107	170	822	-
Sep-05	1027	13781	85	246	935	-
Sep-06	1424	16697	109	960	1089	-
Sep-07	1826	19855	167	1285	1155	431
Mar-08	2086	21385	559	1431	1186	547

Table 1 presents the count of CoRIS metadata, products, and publications; data served via the CoRIS web site; and metadata being prepared. (*Now includes websites and other documents).

Table 2 - Recent CoRIS Metadata Additions

Source	Description	Metadata	Data Products
NMFS/PIFSC	CRED REA Fish Belt Transects and Species Counts for American Samoa, CNMI, MHI, NWHI, PRIAs, and Wake Atoll 2005-2007	116	58
NOS/NCCOS	NCCOS Palau Benthic Habitat Metadata	5	
NMFS/PIFSC	CRED REA Coral for CNMI, NWHI, PRIA 2006-2007	27	
NOS/NCCOS	NCCOS Ecosystem Assessment Vieques, Puerto Rico Fish and Habitat 200705- Present	2	
NOS/NCCOS	NCCOS Flower Garden Banks Fish and Habitat Characterization	2	1
NMFS/PIFSC	CRED REA Algae PRIA and Wake, 2006-2007	7	7
NMFS/PIFSC	CRED Gridded Bathymetry American Samoa 2004-2006	13	
	Total Additions	172	66
	Metadata record updates and enhancements	~102	

Table 2 lists new coral data products that have been added to CoRIS during the past three months that are available via the CoRIS web site.

Table 3 - Metadata Undergoing Acquisition, Creation and CoRIS Review

Source	Description	Count
NCCOS/CSCOR	Hawaii Coral Reef Initiative Data Sets	6
NMFS/PIFSC	CRED Optical Validation Coral Coverage and Track Maps (Not online yet)	13
NMFS/PIFSC	CRED Time Series Moorings American Samoa 2006	14
NMFS/PIFSC	CRED REA Algae Marianas 2005	16
NMFS/PIFSC	CRED Drifters NWHI 2001-2003 Deployments (waiting for information)	6
NMFS/PIFSC	CRED Drifters American Samoa 2002-2004 Deployments (waiting for information)	11
NMFS/PIFSC	CRED Drifters CNMI 2003-2005 Deployments (waiting for information)	7
NMFS/PIFSC	PIBHMC Multibeam for Jarvis, Howland, Baker, Johnston, Palmyra, and Kingman Islands and all islands of American Samoa.	~30
NMFS/PIFSC	PIBHMC Backscatter Products American Samoa 2004-2006	~13
NMFS/PIFSC	PIBHMC Gridded Bathymetry and Backscatter Products NWHI 2002-2006	~40
NMFS/PIFSC	CRED REA Algae Assessments Taxonomy	63
NOS/NCCOS	NCCOS 2007 Puerto Rico Bathymetry	~65
NOS/NCCOS	NOS 2007 Hawaii Benthic Habitat	37
NOS/NCCOS	NOS Underwater Video and Still Ground Validation Imagery of the Florida Keys	1
NMFS/PIFSC	CRED Geomorphology Tutuila	5
NOS	Coastal Change Analysis Project 1391	1
NOS	Florida Reef Track Bottom Temperatures	47
NMFS/PIFSC	CRED REA Coral Wake 2007	1
NMFS	Pulley Ridge Multibeam 2007	1
NMFS	SEFSC Multibeam 2006	4
NODC	NODC Metadata to be CoRIS-ized	38
NMFS/PIFSC	CRED Shallow CTD	30
NMFS/PIFSC	CRED REA Algal Assessment PRIA 2008	3
NMFS/PIFSC	CRED REA Benthic Cover PRIA 2008	3
NMFS/PIFSC	CRED REA Coral Disease PRIA 2008	3
NMFS/PIFSC	CRED REA Corals PRIA 2008	3
NMFS/PIFSC	CRED Fish Belt Transects and Species Count PRIA 2008	6
NMFS/PIFSC	CRED Shallow CTD PRIA 2008	3

NMFS/PIFSC	CRED NWHI REA Algae 2006	8
NMFS/PIFSC	CRED MHI REA Algae 2006	9
NMFS/PIFSC	CRED REA Algae Tutuila 2004	1
NMFS/PIFSC	CRED REA Invertebrates PRIA 2008	3
NOS/NCCOS	Seafloor Characterization of Caribbean 2007	66
NMFS/PIFSC	CRED FBSAD Recruit Reef Fish Belt Transect and Reef-Fish Habitat Quadrat Survey	2
NMFS/PIFSC	PIBHMC Gridded Bathymetry and Backscatter Products PRIA 2006	13
NESDIS/NODC	Florida Reef Track Bottom Temperatures 1988-2007	47
NMFS/SEFSC	Florida Middle ground 2006, Fill in area 200508 and 200607, corridor area 200507 and 2006, Steamboat lumps 2006,	4
NMFS/SEFSC	West Florida Shelf Mapping Project 2006 Corridor area and Fill area	2
NMFS/SEFSC	Otolith Microchemistry of Snappers from Southern Florida 2001-2002	1
	Total	559

Table 3 lists products for which CoRIS is preparing, or assisting coral reef project representatives with metadata preparation.

Table 4a - Other Coral Products Received

Source	Description	Count
Miscellaneous	CD - Field Guide and Coastal Data	2
NOAA Coral Reef Update	Digital - Reports (PDF format)	2
IYOR Mini-Symposium	DVD - International Year of the Reef Song	1
NMFS/HC	Digital - Report (PDF format)	1
NMFS/PIFSC/ CRED	Citation - Journal Article	1
NMFS/PIFSC/ CRED	Digital - Journal Articles (PDF format)	2
NMFS/PIFSC/ CRED	Web Site	1
NMFS/SEFSC	Citation - Journal Article	1
NMFS/SEFSC	Citations - NOAA Technical Memorandums	2
NMFS/SEFSC	Digital - Presentation (PDF format)	1
NMFS/SEFSC	Digital - Journal Articles and Reports (PDF format)	2
NMFS/SER	Hard Copy - Document	1
NOS/IPO/ International Coral Grants Program	Hard Copy - Fact Sheets	5
NOS/IPO/ International Coral Grants Program	Hard Copy and Digital - Reports (PDF format)	2

NOS/IPO/ International Coral Grants Program	Hard Copy and Digital - Manual (PDF format)	1
NOS/IPO/ International Coral Grants Program	Digital - Reports (PDF and Word format)	9
NOS/OCRM	Digital - Report (PDF format)	1
NOS/ONMS	Digital - Report (PDF format)	1
	Total Products	36

Table 4a lists new CRCP and other coral publications, reports, web sites, and other products that have been provided to CoRIS during the past two months for addition to the CoRIS Library.

Table 4b - Other Coral Products Received (Not for Addition to the CoRIS Library)

Source	Description	Count
NMFS/PIFSC/ CRED	Citations - Oral and Poster Presentations	26
NMFS/PIRO	Web Site	1
NOS/IPO/ International Coral Grants Program	Hard Copy - Incomplete Journal Article	1
	Total Products	28

Table 4b lists all CRCP and other coral products that have been provided to CoRIS that are not for addition to the CoRIS Library. They may be sensitive, incomplete, or draft items.

Table 5a - Coral Reef Data Products served by CoRIS

Source	Description	Count
NMFS/SEFSC	Madison-Swanson and Twin Ridges bathymetry (deep water coral)	2
NMFS/SEFSC	Multibeam Survey products SAB Georgia and South Carolina and Oculina Banks	8
OAR/NURC	Oculina Banks Dive Narratives, Video Clips, GIS and Bathymetry (deep water coral)	30
OAR/AOML	ICON Stations (years)	14
OAR/AOML	SEAKEYS Stations (years)	32
NOS/ORR	Environmental Index Atlas Maps	479
NOS/SP	LandSat Mosaics of Freely Associated States	3
NOS/NCCOS	Summit2Sea Watershed Characterizations	2
NMFS/PIFSC	CRED Shallow CTD Casts	135
NMFS/PIFSC	CRED REA Algal Assessments	55
NMFS/PIFSC	CRED NWHI Bathymetry Atlas	90
NMFS/PIFSC	CRED Drifters (future)	
PIMS	Water Temperatures Lee Stocking Island, Bahamas 1988-2003	15

NMFS/ PIFSC	CRED CTD Data 2000-2007	1
NMFS/ PIFSC	CRED REA Algae CNMI 2005, PRIA 2006, Wake 2005, Wake 2007	24
NMFS/PIFSC	CRED REA Fish American Samoa 2006	5
NMFS/PIFSC	CRED REA Fish CNMI 2007	13
NMFS/PIFSC	CRED REA Fish CNMI 2005	17
NMFS/PIFSC	CRED REA Fish MHI 2006	8
NMFS/PIFSC	CRED REA Fish NWHI 2006	8
NMFS/PIFSC	CRED REA Fish PRIA 2006	6
NMFS/PIFSC	CRED REA Fish Wake 2005	1
NMFS/PIFSC	CRED REA Fish Wake 2007	1
NESDIS/ORA	Satellite Bleaching Alerts	482
	Total Files	1431

Table 5a lists coral reef data, or products available from the CoRIS server. CoRIS usually obtains metadata for coral reef data and products and links to the originator's web site for user access, or provides information so the user can obtain the coral reef product. These datasets are served by CoRIS with the originator's permission in the interim until they are served by a National Archive.

Table 5b – Coral Reef Data Products received by CoRIS for serving in the future

Source	Description	Count
NOS/NCCOS	Benthic Habitat NWHI & MHI 2002	43
NOS/NCCOS	Benthic Habitats for Puerto Rico and USVI	267
NOS/NCCOS	Benthic Habitats US Pacific Islands	212
NMFS/PIFSC	CRED Drifters American Samoa 2002-2005, CNMI Guam 2003-2006, NWHI 2002-2005	28
NMFS/PIFSC	CRED Gridded Bathymetry CNMI Guam	14
NMFS/PIFSC	PIBHMC Gridded Products for American Samoa, CNMI, NWHI, Guam	61
NOS/NCCOS	Seafloor Characterization of the Caribbean 2004-2006	110
	Total	735

Table 5b lists new coral reef data, or products recently received by CoRIS. They are in the process of being made available from the CoRIS server.

Table 6 - Coral Reef Data Products provided by CoRIS to NOAA National Data Centers

Archive	Description	Datasets	Files
NODC	Florida Reef Fish Visual Census Species Site Matrix NODC 0001394	1	20
NODC	Environmental Index Atlas Maps for Virgin Islands NODC Number 0002069	1	14

NODC	Environmental Sensitivity Index American Samoa 2003	1	8
NODC	Environmental Sensitivity Index Guam-CNMI 2006	1	5
NODC	Environmental Sensitivity Index Hawaii 2001	1	96
NODC	Environmental Sensitivity Index Puerto Rico 2002	1	68
NODC	Environmental Sensitivity Index East Florida 1996 NODC 0004150	1	19
NODC	Environmental Sensitivity Index West Florida NODC 0006249	1	65
NODC	Environmental Sensitivity Index Upper West Peninsular Florida 1996 NODC 0006377	1	45
NODC	Environmental Sensitivity Index Lower West Peninsular Florida 1996 NODC 0006394	1	42
NODC	Environmental Sensitivity Index South Florida 1996 NODC 0006539	1	54
NODC	Drift Card Survey Barbers Point Oahu 2002-2005	1	1
NODC	CRED Shallow CTD PRIA 2004 OES0404	1	135
NODC/NGDC	CRED Bathymetric Atlas of the NWHI 2003	1	90
NODC/NGDC	Gridded Bathymetry US Pacific Islands 2003-4	2	15
NODC/NGDC	Georgia and South Carolina SAB Bathymetry and Backscatter 2005	2	4
NODC/NGDC	Oculina MPA Bathymetry and Backscatter 2005	2	2
	Total	20	453

Table 6 lists the products CoRIS has submitted to a National Data Center for the Coral Archive.

Table 7 - Coral Reef References compiled by the NOAA Library for CoRIS

Library Resources	Count
Publications referenced in the NOAA Library Catalog, including online full text documents, digital images, digital videos, digital maps, home pages, electronic media, and e-books.	1186
NOAA and other coral reef publications and online resources	547
Total	1733

Table 7 presents the number of coral reef publications and web sites available from the “Coral” NOAA Library.