



# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)



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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## Overview

- NOAA Vision and Goals – Coral Ecosystem Information
- CoRIS Web site
- Data & Publications
- Product Tracking
- Metadata
- FGDC Standard
- CoRIS Resources
- Metadata Summary
- Recent Highlights
- Week Ahead
- Contact Information

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

- NOAA line offices (NOS, NMFS, NESDIS, and OAR) produce coral-related data, publications, and products
- Data delivered by:
  - Peer-Reviewed and Unpublished Publications
  - NOAA Technical Reports and Memos
  - Presentations
  - Websites
  - Online Database Applications
  - Web Mapping Services
  - Email Alert Notifications
  - CD/DVD
  - Maps
- CoRIS was created to serve as a single web portal to discover NOAA's coral ecosystem data, information, and activities across program offices: <http://coris.noaa.gov>

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

NOAA's Coral Reef Information System (CoRIS) - Acronyms - Mozilla Firefox

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

CoRIS  
noaa's coral reef information system

Home Data & Publications Map Search Regional Portal About Coral Reefs Professional Exchanges Activities Glossary

Home / Glossary of Terminology and Acronyms/Abbreviations

## Acronyms/Abbreviations

This List of Acronyms and other Abbreviations was compiled from the coral, coral reef, marine tropical ecosystems, and related peer-reviewed literature, grey literature, and other written and electronic reports, including e-mail messages. The terms on the list number nearly 3,600 (as of February 2010) and continue to grow on a daily to weekly basis. CoRIS invites readers to suggest additional acronyms and abbreviations via [coris.metadata@noaa.gov](mailto:coris.metadata@noaa.gov) or [coris@noaa.gov](mailto:coris@noaa.gov).

[Click here](#) to search the Acronyms and Abbreviations by keyword.

Acronyms A - Z Pages

A B C D E F G H I J K L M  
N O P Q R S T U V W X Y Z

**A**

A/D	Analog/Digital
AA	Atomic Absorption
AA	Assistant Administrator
AAAS	American Association for the Advancement of Science
AAFC	Agriculture and Agri-Food Canada
AAG	American Association of Geographers
AAPG	American Association of Petroleum Geologist
AARNet	Australian Academic and Research Network
AAS	Alternate Air Source
AATAMS	Australian Acoustic Tagging and Monitoring System
AAUS	American Academy of Underwater Sciences
ABC	Acceptable Biological Catch
ABE	Autonomous Benthic Explorer
ABI	Advanced Baseline Imager
ABI	Association of Biodiversity Informatics (now naturereserve)
ABIF	Australian Biodiversity Information Facility
ABL	Auk Bay Laboratory (NOAA)
ABS	Animal behavior Society
ABT	Actual Bottom Time

## CoRIS Components

- Library
  - Searchable Catalog
  - NOAA datasets
  - Metadata
  - Publications
  - Links to online materials
  - Contact information
- Coral Ecosystem Essays
- Professional Exchanges
- Glossary
- Acronyms/Abbreviations List

# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

The screenshot shows the NOAA Coral Reef Information System (CoRIS) Regional Data Portal. The browser window title is "NOAA Coral Reef Information System (CoRIS) - Regional Portal - Mozilla Firefox". The page header includes the NOAA logo and the text "U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION". The main heading is "CoRIS noaa's coral reef information system". A navigation menu includes "Home", "Data & Publications", "Map Search", "Regional Portal", "About Coral Reefs", "Professional Exchanges", "Activities", and "Glossary". The page content is titled "Regional Data Portal" and includes a paragraph explaining its purpose: "The purpose of the CoRIS Regional Data Portal is to better serve users by presenting region-specific data in a clear, concise, and integrated way. The user should be able to find a wide range of data and information from a single page, without prior knowledge of NOAA's Coral Reef Conservation Program (CRCP). The focus of the information is specifically NOAA Coral data, activities, and information; non-CRCP activities that fall under the US Coral Reef Task Force umbrella may be included as well." Below this is a sub-section for "Pacific Reefs" with a map showing various island groups: Palau, Federated States of Micronesia, Guam, CNMI, Marshall Islands, PRIAs, American Samoa, Northwest Hawaiian Islands, and Hawaii. A list of links for Pacific Reefs is provided at the bottom: American Samoa, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Guam, Main Hawaiian Islands, and Republic of the Marshall Islands.

## CoRIS Search Options

- Text-Based Search
- Browse Index
- Map-Based Search
- Regional Portals

# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

Coral Reef Information System (CoRIS): Latest Metadata Records - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Coral Reef Information System (...)

Subscribe to this feed using  Live Bookmarks  Always use Live Bookmarks to subscribe to feeds.

## Coral Reef Information System (CoRIS): Latest Metadata Records

A dynamic listing of the most recently updated metadata records in the CoRIS repository.

[Pacific Ocean Degree Heating Week Charts - Archived 2004 NOAA Twice-Weekly Satellite 50km Near Real-Time Coral Bleaching](#)  
Monday, February 15, 2010 5:47 PM

These archived coral bleaching Degree Heating Week (DHW) charts of the Pacific Ocean are graphic displays of the satellite coral bleaching DHWs of the Pacific Ocean at 50km resolution produced twice-weekly in near real-time fashion in 2004. DHW is the accumulation of Coral Bleaching HotSpots over a period of 12 consecutive weeks. The coral ...

[Archived 1998 NOAA Twice-Weekly Satellite 50km Near Real-Time Coral Bleaching HotSpot Charts \(Western Hemisphere\)](#)  
Monday, February 15, 2010 5:47 PM

These archived coral bleaching HotSpot charts of the Western Hemisphere are graphic displays of the satellite coral bleaching HotSpots of the Western Hemisphere at 50km resolution produced twice-weekly in near real-time fashion in 1998. The coral bleaching HotSpot is a special type of sea surface temperature (SST) anomaly and shows the difference ...

[Archived 2000 NOAA Twice-Weekly Satellite 50km Near Real-Time Coral Bleaching HotSpot Charts \(Western Hemisphere\)](#)  
Monday, February 15, 2010 5:47 PM

These archived coral bleaching HotSpot charts of the Western Hemisphere are graphic displays of the satellite coral bleaching HotSpots of the Western Hemisphere at 50km resolution produced twice-weekly in near real-time fashion in 2000. The coral bleaching HotSpot is a special type of sea surface temperature (SST) anomaly and shows the difference ...

[Archived 2001 NOAA Twice-Weekly Satellite 50km Near Real-Time Coral Bleaching HotSpot Charts \(Western Hemisphere\)](#)  
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These archived coral bleaching HotSpot charts of the Western Hemisphere are graphic displays of the satellite coral bleaching HotSpots of the Western Hemisphere at 50km resolution produced twice-weekly in near real-time fashion in 2001. The coral bleaching HotSpot is a special type of sea surface temperature (SST) anomaly and shows the difference ...

[Archived 2002 NOAA Twice-Weekly Satellite 50km Near Real-Time Coral Bleaching](#)  
Monday, February 15, 2010 5:47 PM

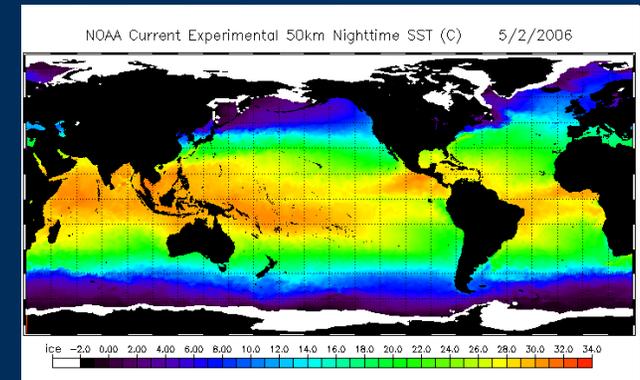
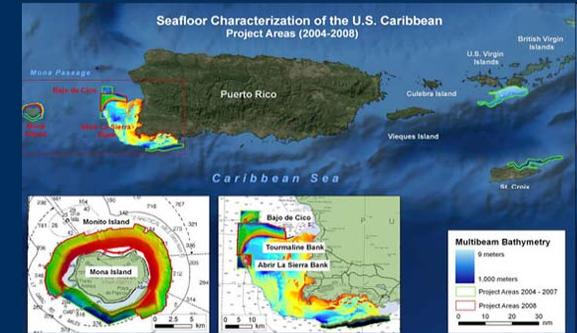
## RSS Feeds

- Metadata
- Publications
- Customized Feed

# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

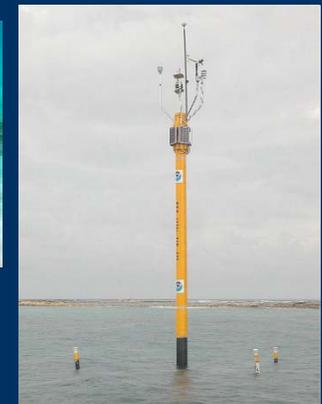
## Data

- *In situ* observations and measurements
  - Biological, chemical, atmospheric, sediments, reef structure
- Satellite data and products
- Ocean & Atmospheric models
- Aerial photographs
- Tide Charts
- Bathymetry / Shoreline
- Surface Currents (Radar)
- Digital Video Observations
- Paleoclimate (Coral Cores)



## Publications

- Journal Articles
- NOAA Technical Memoranda
- Unpublished Scientific Reports
- Educational & Outreach Materials
- Websites



# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## Metadata and Publications

- Email digital copies of metadata, data, or data products to [coris.metadata@noaa.gov](mailto:coris.metadata@noaa.gov)
- Email (or provide on CD/DVD) 1 electronic copy of publication and full citation to [coris.metadata@noaa.gov](mailto:coris.metadata@noaa.gov)
- Mail 2 hard copies of publication to **CoRIS Operations Manager** at:  
Coral Reef Information System Operations Manager  
NOAA/NESDIS/NODC  
SSMC 3, 4th Floor, E/OC1, Room 4624  
1315 East West Highway  
Silver Spring, MD 20910

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## *What Happens to Information Provided to CoRIS?*

- Metadata: Searchable Database
- Data: NOAA Archive (long-term preservation/easy access)
  - CoRIS Liaison transfers data to NOAA National Data Centers and metadata to CoRIS
- Publications: NOAA or CoRIS Library Catalog
  - NOAA publications: NOAA Library
  - “Non-Catalogable” NOAA publications: CoRIS Library

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## Product Tracking

- CRCP funds individual projects with defined products
- CRCP Project Proposal Database provides information about planned and on-going data products and contacts
  - CRCP Project Proposal Database Working Group
- CoRIS works with PIs to obtain CRCP-funded products
  - Budget Tracking and Project Accountability Working Group
  - CRCP Data Management Working Group

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## *Metadata can answer these important questions:*

### **Who**

Who collected the data?  
Who processed the data?  
Who wrote the metadata?  
Who to contact for questions?  
Who to contact to order?  
Who owns the data?

### **Where**

Where were the data collected?  
Where were the data processed?  
Where are the data located?

### **When**

When were the data collected?  
When were the data processed?

### **What**

What are the data about?  
What project were they collected under?  
What are the constraints on their use?  
What is the quality?  
What are appropriate uses?  
What parameters were measured?  
What format are the data in?

### **How**

How were the data collected?  
How were the data processed?  
How do I access the data?  
How do I order the data?  
How much do the data cost?  
How was the quality assessed?

### **Why**

Why were the data collected?

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## A good FGDC Metadata Reference

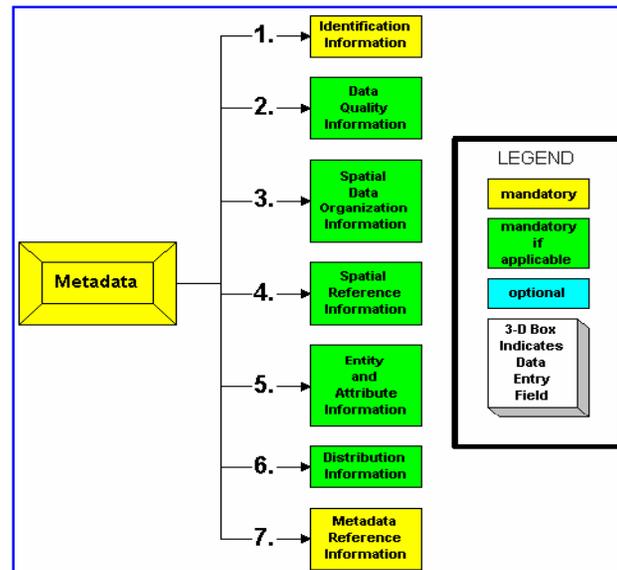


### An Image Map of the Content Standard for Digital Geospatial Metadata

Version 2 - 1998 (FGDC-STD-001 June 1998)

[Spanish version](#)

Click in this picture for more information on the [Federal Geographic Data Committee's](#) "Content Standard for Digital Geospatial Metadata" Version 2 - 1998. (FGDC-STD-001 June 1998)



<http://www.fgdc.gov/csdlgmgraphical/index.html>

# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## *ISO 19115 - The Future Standard...*

FGDC is transitioning to the North American Profile of the International Standards Organization (ISO) 19115 metadata standard. Adopting an international metadata standard facilitates data and information sharing across a larger community.

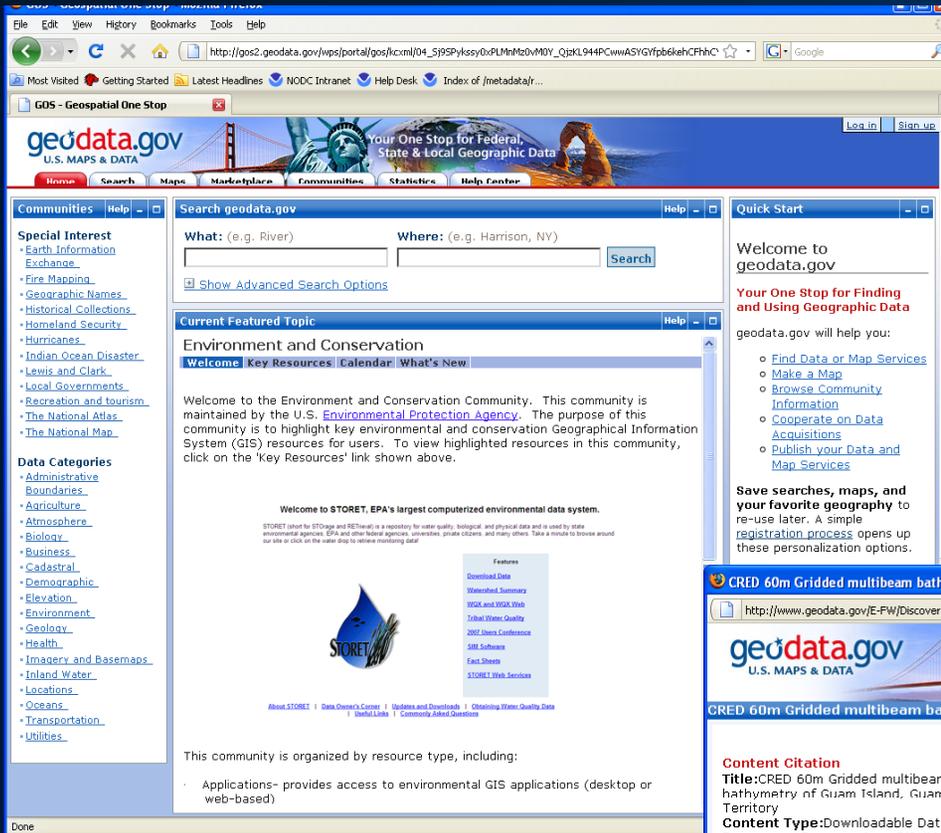
To prepare for this standard, FGDC encourages metadata creators to include ISO Topic Category Keywords in metadata records. For a complete list of ISO keywords, visit:

<http://www.fgdc.gov/metadata/documents/MetadataQuickGuide.pdf>

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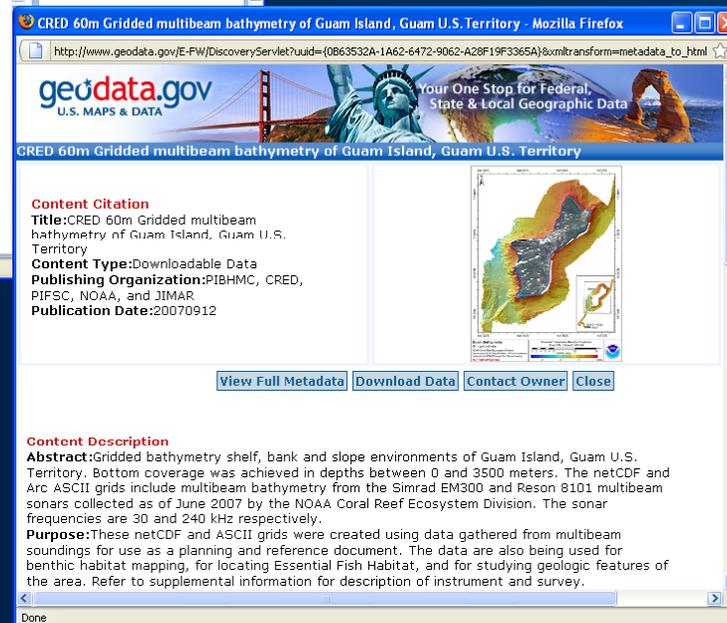
# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)



The screenshot shows the geodata.gov homepage. At the top, there is a navigation bar with links for Home, Search, Maps, Marketplace, Communities, Statistics, and Help Center. Below this is a search bar with fields for 'What:' and 'Where:' and a 'Search' button. The main content area is divided into several sections: 'Special Interest' with links to Earth Information Exchange, Fire Mapping, Geographic Names, Historical Collections, Homeland Security, Hurricanes, Indian Ocean Disaster, Lewis and Clark, Local Governments, Recreation and Tourism, The National Atlas, and The National Map; 'Data Categories' with links to Administrative Boundaries, Agriculture, Atmosphere, Biology, Business, Cadastral, Demographic, Elevation, Environment, Geology, Health, Imagery and Basemaps, Inland Water, Locations, Oceans, Transportation, and Utilities; 'Current Featured Topic' for Environment and Conservation, including a 'Welcome' message and a link to 'Key Resources'; and a 'Quick Start' section with a 'Welcome to geodata.gov' message and a list of services: Find Data or Map Services, Make a Map, Browse Community Information, Cooperate on Data Acquisitions, and Publish your Data and Map Services. A 'Save searches, maps, and your favorite geography' section is also present.

Geospatial One-Stop  
<http://gos2.geodata.gov>

Catalog of data, products & services from federal, state and local agencies, academia, and the private sector



The screenshot shows a data record page for 'CRED 60m Gridded multibeam bathymetry of Guam Island, Guam U.S. Territory'. The page includes a title, a 'Content Citation' section with the following text: 'Title: CRED 60m Gridded multibeam bathymetry of Guam Island, Guam U.S. Territory', 'Content Type: Downloadable Data', 'Publishing Organization: PIBHMC, CRED, PIFSC, NOAA, and JIMAR', and 'Publication Date: 20070912'. There is also a 'Content Description' section with an abstract and a purpose statement. The abstract describes the data as gridded bathymetry shelf, bank and slope environments of Guam Island, Guam U.S. Territory, with bottom coverage achieved in depths between 0 and 3500 meters. The purpose is to provide these netCDF and ASCII grids for use as a planning and reference document. At the bottom of the record, there are buttons for 'View Full Metadata', 'Download Data', 'Contact Owner', and 'Close'.

# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## Summary of CoRIS Metadata Records

Office	<u>Metadata Received</u>	
	Fiscal YTD	Total
NESDIS	19	449
NMFS		
PIFSC	763	2,100
SEFSC	1	41
NOS	80	911
OAR	6	164
Misc	0	11
<b>TOTALS</b>	<b>869</b>	<b>3,676</b>

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## CoRIS Project Highlights

- New CoRIS staff
- New version of the CoRIS Web site
- Cleared publications and metadata backlogs
- Released updated CoRIS text search – uses 1 interface to search publication and metadata catalogs
- Added CoRIS metadata catalog to geodata.gov and NBII Clearinghouse Web sites
- Completed Outreach & Education project with NOAA Library
- Enhanced Glossary to include > 6,000 terms, a search box, updated PDF of full Glossary, Acronyms/Abbreviations List, etc.
- CoRIS houses 2,153 publications and 3,670 metadata records with access to 40,000 coral data products

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## CoRIS v.2 Planning

- What would make CoRIS more useful for you?
- Are there things that haven't worked or could work more effectively with CoRIS?
- What changes would you like to see to the website?
- Any suggestions for the future of CoRIS?

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# NOAA Coral Reef Conservation Program Coral Reef Information System (CoRIS)

## Goals for this Week

- Review status of SEFSC & AOML products (data, metadata, and publications)
- Identify additional products for CoRIS
- Assist with documenting data and publications
- Develop a list of Action Items
- Answer questions about on-going developments to CoRIS
- Get insight on your ideas for CoRIS' future

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Scientific Content, Glossary, and Acronyms/Abbreviations List

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