

Atlantic/Caribbean CREIOS Workshop

Data Dissemination

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Atlantic/Caribbean Mapping & Monitoring Workshop
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Atlantic/Caribbean CREIOS Workshop

Data Dissemination

- Coral related data, publications and products are created across all NOAA line offices (NOS, NMFS, NESDIS, NWS, and OAR).
- Coral data are delivered through numerous mechanisms including:
 - Peer Review Publications, Presentations (at scientific meetings and to manager groups), and NOAA Technical Reports and Memos
 - Web Sites
 - Online database applications
 - Web Mapping Services
 - Email Alert Notifications
 - CD/DVD delivery
 - Hard Copy Maps
- Coral data are archived at NOAA National Data Centers
- Over 9,000 **NOAA web pages** reference the term “coral reef”
- Coral Reef Information System (CoRIS) was created to serve as a single web portal to discover **NOAA’s coral reef activities** across program offices.
<http://coris.noaa.gov>

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Data Dissemination

CoRIS Major Components

Library

- Searchable Catalog
 - NOAA datasets
 - Publications
- Links to online materials
- Contact information to request data and information offline

Other Resources

- Science Based Articles
- Glossary
- Acronym List

The screenshot shows the NOAA's Coral Reef Information System (CoRIS) website. The browser window title is "NOAA's Coral Reef Information System - Mozilla Firefox". The address bar shows "http://coris.noaa.gov/". The page features a header with the CoRIS logo and the text "NOAA'S CORAL REEF INFORMATION SYSTEM". Below the header, there is a search bar and a navigation menu. The navigation menu includes links for "DISCOVER NOAA's DATA", "ABOUT CORAL REEFS", "PROFESSIONAL EXCHANGES", "THE LIBRARY", "NOAA's CORAL REEF ACTIVITIES", and "GLOSSARY". On the right side, there is a "New Publications" section with a list of reports and documents, including "Coral Reef Habitat Assessment for MPA", "The State of Coral Reef Ecosystems of the United States and Pacific Freely Associated States: 2008", "U.S. Coral Reef Action Strategy Report to Congress 2008", "2008 Deep Coral Report to Congress", "Status of Caribbean Coral Reefs Report", "Coral Histopathology II Report", "The State of Deep Coral Ecosystems", "Coral Reef Ecosystem Research Plan", "A Reef Manager's Guide To Coral Bleaching", and "Coral Reef Ecosystem Monitoring Report for American Samoa". At the bottom, there is a "Special Note" section. The footer contains links for "About This Site", "Table of Contents", "Supporting Documents", "Contact Us", "Acronyms", "Acknowledgments", "Disclaimer", and "Privacy Policy".

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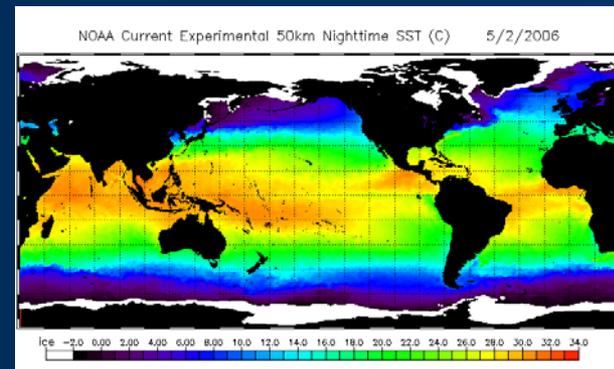
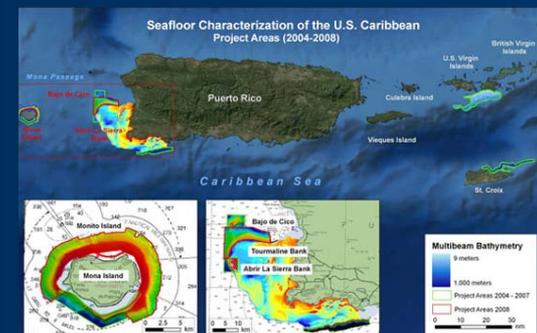
Data Dissemination

Example types of data –

- *In situ* observations and measurements
 - Biological, chemical, marina and atmospheric, sediments, reef structure
- Satellite data and products
- Ocean & Atmospheric models
- Other data useful in coral reef studies
 - Aerial photographs
 - Charts, tides
 - Bathymetry, shoreline
 - Radar surface currents
- Digital video observations
- Data derived from coral cores – paleoclimate information

Types of Publications and other products

- Journal Article Citations
- NOAA Publications (NOAA Tech Memos)
- Books
- Scientific Reports, Unpublished reports, Websites, etc.



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The screenshot shows a Mozilla Firefox browser window displaying the CoRIS Library Advanced Search page. The browser's address bar shows the URL <http://coris.noaa.gov/library/search.cgi>. The page header includes the CoRIS logo and navigation links: [noaa's data](#), [about coral reefs](#), [professional exchanges](#), [the library](#), [noaa's coral reef activities](#), and [glossary](#). The main content area is titled "CoRIS Library Advanced Search" and features a search form with the following fields: "Publication Type" (a dropdown menu with options: Search All Collections, NOAA Coral Reef Web Sites, Other Coral Reef Web Sites, Publications, and Coral Data), "Author", "Title", "Abstract", and "Anywhere". The "Coral Data" option is currently selected in the dropdown menu. Below the search form are "Submit" and "Clear" buttons. The left sidebar contains links for "Browsable Collections", "Key Documents", "NOAA Coral Reef Web Sites", "Other Coral Reef Web Sites", "Publications", and "Other NOAA Resources". The footer includes a NOAA logo and text: "Revised April 26, 2006, by CoRIS Webmaster | User Survey | Report Error on This Page", "Site hosted by National Oceanic and Atmospheric Administration, U.S. Department of Commerce", <http://coris.noaa.gov/library/>, and "Best viewed in Firefox, Mozilla or Opera (don't click on the blue e)".

CoRIS Collections

- Coral Data
- Publications
 - Journal Articles
 - NOAA Publications
 - Books
 - Workshop Reports
- NOAA Coral Reef Web Sites
- Other Coral Reef Web Sites

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Data Dissemination

The Coral Data Collection is a searchable database of NOAA's coral datasets documented through FGDC metadata records.

CoRIS Library - Results - Mozilla Firefox
http://coris.noaa.gov/library/search.cgi

CoRIS HOME / Library HOME - Quick Search / Advanced Search
CoRIS Library Search Results

Search Results

Results 1-1 of 1 for Publication Type "Coral Data" and Title "Fish Communities Flower Garden Banks"

1

Title: Biogeographic Characterization of Fish Communities within the Flower Garden Banks National Marine Sanctuary (2006 - 2007)

Entry Type: Metadata Record.

Abstract: The overarching goal of this collaboration was to provide the Flower Garden Banks National Marine Sanctuary (FGBNMS) staff with information on biogeographic patterns within the Sanctuary specific project focused on the development of a plan to spatially and quantitatively fish communities in relatively shallow waters throughout . . .

Publisher Name: NOAA's Ocean Service, National Centers for Coastal Ocean Science (NCCOS)

Metadata: http://www.coris.noaa.gov/metadata/records/txt/nccos_fish_characterization_flower_garden_banks.txt

Metadata Date: 03/09/2009

Data (Online Linkage): http://ccma.nos.noaa.gov/ecosystems/sanctuaries/fgb_nms.html

Originator: National Oceanic and Atmospheric Administration (NOAA)/National Ocean Service (NOS) for Coastal Ocean Science (NCCOS)/Center for Coastal Monitoring and Assessment (CCMA)/Biogeography Branch

Entire Record: [View](#)

1

CCMA: Benthic Habitats of Puerto Rico and the U.S. Virgin Islands - Mozilla Firefox
http://ccma.nos.noaa.gov/products/biogeography/benthic.htm#data.htm

Center for Coastal Monitoring and Assessment (CCMA)
Science Serving Coastal Communities

Benthic Habitats of Puerto Rico and the U.S. Virgin Islands

Data

Data and Software

Link to Description

- Aerial Photograph (JPEG)
- Habitat Digitizer Extension
- Ground Control Points (GCPs)
- Ground Truth Points
- Accuracy Assessment Points

The data below are available in .zip format for quicker, easier download. The zip files either contain files for a shapefile or an aerial photograph. The shapefile zip files contain the following files: .dbf, .met, .shn, .shx, .shp, .shw, .htm. The aerial photograph zip files contain the following files: .sid, .sdw, .met, and .htm. There is a readme file at the root of the data directory that explains the data structure.

Polygon Shapefiles

View FGDC Metadata or Description	Spatial Data and Metadata
Puerto Rico	p_rico.zip
St. Thomas and St. John	stsj_fin.zip
St. Croix	stc_fin.zip

Aerial Photo Mosaics

View FGDC Metadata	Spatial Data and Metadata
St. Croix (east)	stcrose.zip
St. Croix (west)	stcrosw.zip
St. John	stjohn.zip

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prod Ocean Archive System: Accessions Search Results: page: 1 of 1 - Mozilla Firefox

http://www.nodc.noaa.gov/cgi-bin/search/prod/accessionsView.pl/response/7161dce1af78b1f483de7974d436bd02/1

NOAA Satellite and Information Service
NODC
 National Oceanographic Data Center

You are here: [NODC Home](#) > [Access Data](#) > [Search Accessions](#) > [Results](#) > Page: 1

Ocean Archive System: Accessions Search Results: page: 1 of 1

Accessions | People | Projects | Institutions | Platforms | Seanames | Datatypes | Instruments | Observations

Preferences | Search | Results

Query returned: 1 records
 Result page: 1

NODC Accession No.	Title	Contributing
details 0010585	Continuous bottom temperature measurements in strategic area Florida Reef Tract at the M/V Alec Owen Maitland Restoration site (NODC Accession 0010585)	

Access Data - Submit Data - Site Map - Intended Use of

Last modified:
 Dept. of Commerce - NOAA - NESDIS - NODC
 * External link: You will be leaving the Federal Government by following an external link.

Index of /archive/arc0015/0010585/01-version/data/0-data - Mozilla Firefox

http://www.nodc.noaa.gov/archive/arc0015/0010585/01-version/d...

Index of /archive/arc0015/0010585/01-version /data/0-data

Name	Last modified	Size	Description
Parent Directory		-	
FKNMS MAITLAND WQDATA.csv	25-Oct-2006 21:10	1.0M	
Readme.txt	26-Oct-2006 14:55	3.7K	
tblStations for MAITLAND.csv	26-Oct-2006 14:55	689	
tblThermographs.csv	26-Oct-2006 14:55	280	

Find: icon | Next | Previous | Highlight all | Match case

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Data Dissemination

CoRIS Library - Results - Mozilla Firefox

http://coris.noaa.gov/library/search.cgi?Publication Type=Search All Collections;Title=Navassa,powe

CoRIS Library - Results

Search Results

Record 3 of 7 for **Publication Type "Search All Collections" and Title "Navassa"** search.

[Previous](#) [Back to results](#) [Next](#)

Title: Characterization of Navassa National Wildlife Refuge : a preliminary report for NF-06-05 (NOAA ship Nancy Foster, April 18-30, 2006) / Gregory A. Piniak ... [et al.].

Imprint: Silver Spring, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, 2006.

Physical Description: viii, 48 p. : col. ill. ; 28 cm.

Series Title: NOAA technical memorandum NOS NCCOS ; 38

General Note: "September 2006."

Bibliography Note: Includes bibliographical references (p. 31-33).

Corporate Name: Nancy Foster (Ship). Cruise (NF-06-05 : 2006)

Topical Term: Fish surveys Navassa Island Navassa Island National Wildlife Refuge.
Fish surveys Navassa Island Navassa Island National Wildlife Refuge Methodology.
Fishes Habitat Research Navassa Island Navassa Island National Wildlife Refuge.
Fish populations Estimates Navassa Island Navassa Island National Wildlife Refuge.

Personal Name: Piniak, Gregory Andrew, 1973-

Corporate Name: United States. National Ocean Service.

Access Information:

Library	Location	Call Number	Type	Copies
NOAA Central Library, Silver Spring, MD	STACKS	QH541.5.C65 N635 no.38	BOOK	1
NOAA Central Library, Silver Spring, MD	STACKS	QH541.5.C65 N635 no.38	BOOK	2
SEFSC Miami Laboratory Library, Miami, FL	STACKS	QH541.5.C65 N635 no.38	BOOK	1

Entry Type: Published Work.

[Previous](#) [Back to results](#) [Next](#)

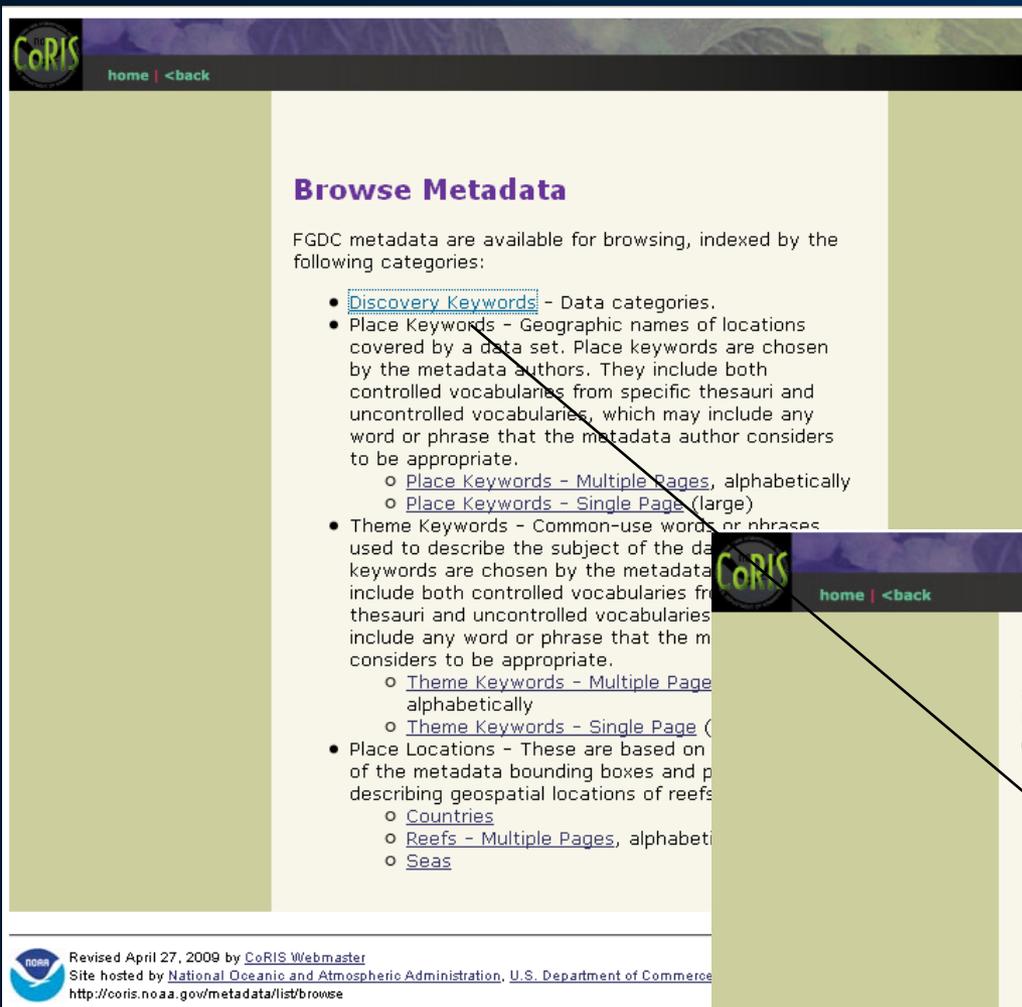
The Publications

Collection is a searchable database covering electronic, print, and Internet resources, including publications websites, and multimedia resources.

- Online access is provided where available
- Access to the full library catalog entry for requesting items through Interlibrary Loan.

Atlantic/Caribbean CREIOS Workshop

Data Dissemination



Browse Metadata

FGDC metadata are available for browsing, indexed by the following categories:

- [Discovery Keywords](#) - Data categories.
- **Place Keywords** - Geographic names of locations covered by a data set. Place keywords are chosen by the metadata authors. They include both controlled vocabularies from specific thesauri and uncontrolled vocabularies, which may include any word or phrase that the metadata author considers to be appropriate.
 - [Place Keywords - Multiple Pages](#), alphabetically
 - [Place Keywords - Single Page](#) (large)
- **Theme Keywords** - Common-use words or phrases used to describe the subject of the data. Theme keywords are chosen by the metadata authors. They include both controlled vocabularies from specific thesauri and uncontrolled vocabularies, which may include any word or phrase that the metadata author considers to be appropriate.
 - [Theme Keywords - Multiple Pages](#), alphabetically
 - [Theme Keywords - Single Page](#) (large)
- **Place Locations** - These are based on the metadata bounding boxes and provide a means of describing geospatial locations of reefs.
 - [Countries](#)
 - [Reefs - Multiple Pages](#), alphabetically
 - [Seas](#)

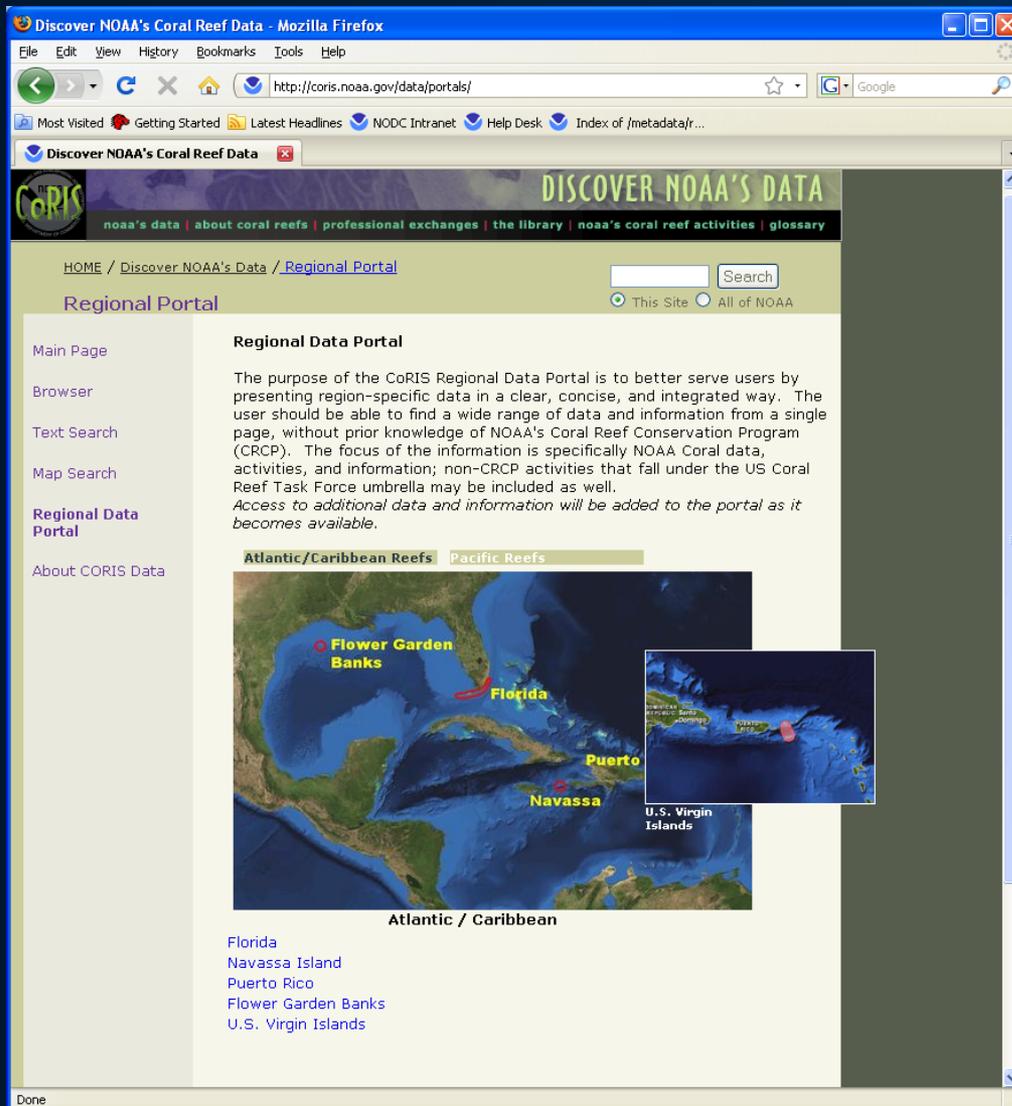
Revised April 27, 2009 by [CoRIS Webmaster](#)
Site hosted by [National Oceanic and Atmospheric Administration](#), U.S. Department of Commerce
<http://coris.noaa.gov/metadata/list/browse>

This is a listing of the categories of data available within the CoRIS system. Click on a category to open a page that contains a listing of all data sets within that category.

- [Documents > Abandoned Vessel Inventory](#)
20 data sets
- [Documents > Coral Bleaching Report](#)
75 data sets
- [Documents > Observational Report](#)
2 data sets
- [Geographic Information > Backscatter](#)
54 data sets
- [Geographic Information > Bathymetry](#)
317 data sets
- [Geographic Information > Ecological Characterization](#)
2 data sets
- [Geographic Information > Habitats](#)
27 data sets
- [Geographic Information > Marine Debris](#)
1 data sets

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Data Dissemination



The screenshot shows a Mozilla Firefox browser window displaying the CoRIS Regional Data Portal. The address bar shows the URL <http://coris.noaa.gov/data/portals/>. The page title is "Discover NOAA's Coral Reef Data". The main content area features a "Regional Portal" section with a search bar and a description of the portal's purpose. Below the description, there are two tabs: "Atlantic/Caribbean Reefs" (selected) and "Pacific Reefs". The "Atlantic/Caribbean Reefs" tab displays a map of the Atlantic and Caribbean regions with labels for "Flower Garden Banks", "Florida", "Puerto", "Navassa", and "U.S. Virgin Islands". An inset map shows a closer view of the Florida region. The left sidebar contains navigation links: "Main Page", "Browser", "Text Search", "Map Search", "Regional Data Portal", and "About CORIS Data".

Discover NOAA's Coral Reef Data - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://coris.noaa.gov/data/portals/

Discover NOAA's Coral Reef Data

DISCOVER NOAA'S DATA

noaa's data | about coral reefs | professional exchanges | the library | noaa's coral reef activities | glossary

HOME / Discover NOAA's Data / [Regional Portal](#) Search

This Site All of NOAA

Regional Portal

Main Page

Browser

Text Search

Map Search

Regional Data Portal

About CORIS Data

Regional Data Portal

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.

Access to additional data and information will be added to the portal as it becomes available.

Atlantic/Caribbean Reefs **Pacific Reefs**



Flower Garden Banks

Florida

Puerto

Navassa

U.S. Virgin Islands

Atlantic / Caribbean

Florida

Navassa Island

Puerto Rico

Flower Garden Banks

U.S. Virgin Islands

CoRIS Regional Data Portal

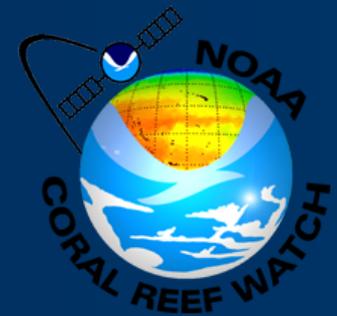
- State of the Reef Reports
- Access to the Searchable Catalog for a Specific Region
- Available Real-Time & Near-Real-Time Data
- Key Documents
- Outreach & Education Materials
- Marine Protected Areas/Marine Managed Areas Information
- Other data

Atlantic/Caribbean CREIOS Workshop

Data Dissemination

NOAA Coral Reef Watch - satellite-based monitoring products

- All products are freely available on the web: <http://coralreefwatch.noaa.gov/>
- Custom datasets and formats available on request
- Technology transfer - *Satellite Tools Training Workshops*
- Data products available in the following formats:
 - Images (GIF, animated GIF, PNG, BMP) via HTTP
 - ASCII format via HTTP
 - HDF format via FTP, HTTP (and working on OPeNDAP)
 - GoogleEarth KML/KMZ layers, both online and offline
 - *Satellite Bleaching Alerts* in plaintext, available via automated email
- Visualization software available to download:
 - Customized version of the NOAA CoastWatch Data Analysis Tool (CDAT)
 - NOAA Environmental Research Division's Data Access Program (ERDDAP)
- Archived at NOAA Comprehensive Large Array-data Stewardship System (CLASS): <http://www.class.noaa.gov/>



Atlantic/Caribbean CREIOS Workshop

Data Dissemination

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