WQPP Data Integration System

Chris Anderson

Chris.Anderson@MyFWC.com

Data, data, data,…

- Providing data collected (raw and synthesized) by Pis, reports, etc. is an important part of the WQPP from its inception

- A mechanism for providing data in a easy way was needed

- A Data Integration System (DIS) CD-ROM was created (2001)

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DATA INTEGRATION SYSTEM
(version 1.0)

Welcome to the Water Quality Protection Program Data Integration System. This CD-ROM is a work-in-progress to provide the public, managers, and scientists with the information being collected in the Water Quality Protection Program.

Please choose one of the information viewing options on the left to access data from any of three long-term monitoring projects or selected special projects.

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

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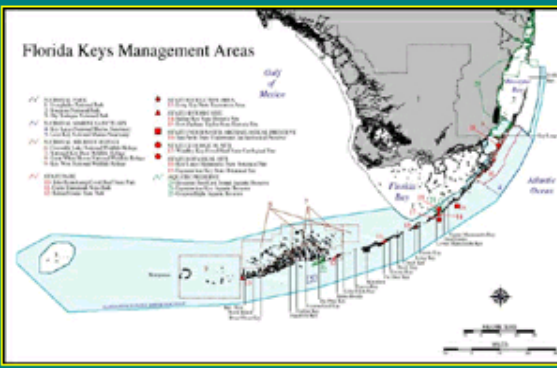
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Florida Keys Region

Florida Keys Management Areas

The Florida Keys archipelago extends from Soldier Key in Biscayne Bay southwest to the Dry Tortugas, a distance of more than 320 km. The Keys are bounded on the north and west by the relatively shallow waters of Biscayne Bay, Florida Bay, and the Gulf of Mexico. All of these bodies of water contain areas of mud shoals and seagrass beds. Hawk Channel lies to the south, between the mainland Keys and an extensive coral reef tract 8 km offshore. The Straits of Florida lies beyond the coral reef and separates the Keys from Cuba and the Bahamas.

The Florida Keys lack the wide expanses of sandy beaches characteristic of much of the Atlantic coast. In fact, beaches of any significant size and width are rare. Of the 2,990 km of total shoreline in the Keys, fewer than 50 km (less than 2%) are considered to be sandy beaches. This paucity of sandy beaches is principally due to lack of sediment sources in the Keys, which are mainly composed of old calcium carbonate reefs.

Benthic Communities of the Florida Keys

Unique marine environments, including seagrass meadows, mangrove-fringed islands, and extensive living coral reefs, are located adjacent to and surrounding the Keys. These environments support rich biological communities that give this area special national significance. The marine environment of the Florida Keys supports more than 6,000 species of plants, fishes, and invertebrates. It also contains the largest seagrass communities in the northern hemisphere and the nation's only coral reef tract that lies adjacent to the continent.

More than 1,700 islands, with a total area of approximately 266 km², make up the Florida Keys. These islands have little relief (generally less than one meter) and are inhabited from Soldier Key to Key West. Key Largo (65 km²) and Big Pine Key (27km²) are the largest islands.

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Florida Keys
National Marine Sanctuary

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Sanctuary Advisory Council
Regulations
Education
Tortugas 2000
News
Research & Monitoring
Resource Protection
Sanctuary Resources
Calendar of Events
Volunteer Opportunities
Staff
Links

Welcome to
the Sanctuary

New Offerings:

Below is a list of recent additions to the FKNMS website. These links lead to one of the topic pages listed above, where each new item will permanently reside. In an effort to keep this list concise, items older than 2 weeks will be removed and will remain available through their topic pages.

The FKNMS Permitting Process

FKNMS Submerged Cultural Resource Permit Application Forms

Document: Done

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DIS CD-ROM

- 3 versions of DIS were created

- Problems
  - Mac vs PC
  - CD-ROMs were a snapshot in time and changes had to be incorporated in new version
  - Creation of CD-ROMs were time-consuming to create

DIS Web Site

- At same time, FWRI started hosting Web sites from its own Web servers

- FWRI decided to created a DIS Web site (2005-2006)

  – Easier to update

  – Access data from anywhere you have an Internet Connection

  – *http://ocean.floridamarine.org/fknms_wqpp*

Address http://ocean.floridamarine.org/fknms_wqpp/

Florida Keys National Marine Sanctuary
Water Quality Protection Program

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Data Integration System

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Click on any of the subjects above to access data from any of three long-term monitoring projects, as well as to obtain information about the Florida Keys National Marine Sanctuary and the Water Quality Protection Program.

Web Page Contact:
Chris Anderson
Project Manager
Phone: (727) 896-8626
Fax: (727) 893-1679
chris.anderson@myfwc.com

Florida Fish and Wildlife
    Conservation Commission
Fish and Wildlife Research
    Institute
100 Eighth Avenue SE
St. Petersburg, Florida 33701

This Web site last updated in July, 2007
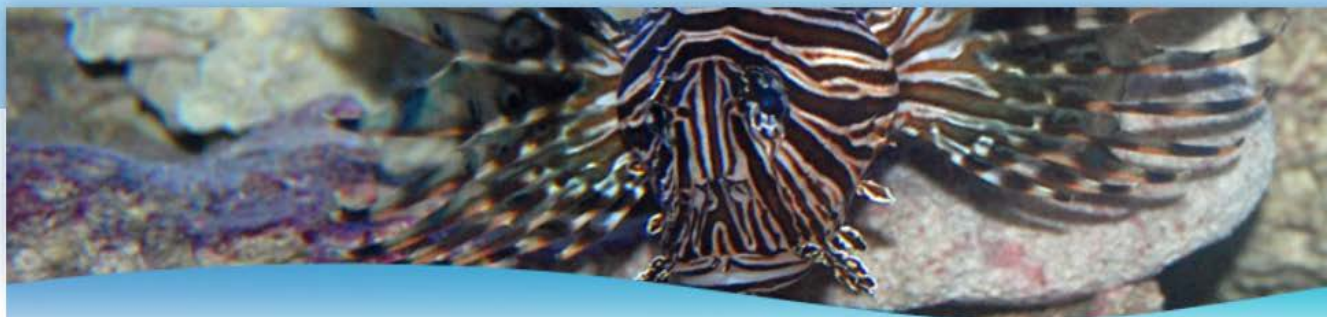
DIS Web Site

- Since 2006, Web site updated and improved on a continual basis
- FKNMS redesigned their Web page
- FKNMS Superintendent asked FWRI to redesign the DIS Web site
  - Visitors did not realize the WQPP was a part of the Sanctuary

Welcome to the Water Quality ...   ✕   Welcome to the NOAA Flo...   ✕   +

(i)   floridakeys.noaa.gov   USF College of Marine Science →

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What's New

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Rainbow Reef Dive Center earns sanctuary Blue Star certification

FKNMS & Partners Conduct Research Cruise of Dry Tortugas Region

Get Prepared for Low-Impact Lobstering

Get the facts about our zoning and regulatory review

Get the facts about our zoning and regulatory review

SANCTUARY SPOTLIGHT

Florida Keys National Marine Sanctuary
Water Quality Protection Program

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'Value added' materials (ESRI Shapefiles and and Google KMZ's), as well as reformatted 'User Friendly' data will be in the GIS Data section - top right tab.

DISCLAIMER: Data are considered 'raw' when presented as received from the field PI (Principal Investigator). When presented as "formatted,' that suggests fields were removed when considered unnecessary, columns have been modified sequentially to provide needed formatting for STORET, or columns may have been renamed to present 'human readable text' for public use.

Web Page Contact:

Chris Anderson
Project Manager
Phone: (727) 502-4856
Fax: (727) 893-1679
chris.anderson@myfwc.com

Florida Fish and Wildlife
 Conservation Commission
Fish and Wildlife Research
 Institute
100 Eighth Avenue SE
St. Petersburg, Florida 33701

Archived Reports:
Searchable PDF files

DIS Web Site

- *http://ocean.floridamarine.org*

  indevelopment/fknms/

- All presentations converted to PDF and consistent naming convention

- New pages added for TAC
  - Contains presentations from July, 2016 meeting

- Still under review from Steering Committee and TAC members

DIS Web Site

- Still under review from Steering Committee and TAC members
- When approved, "old" Web site will be moved to a new Web address. "New" site will replace "old"
  - *http://ocean.floridamarine.org/fknms_wqpp*
- Continue to update and make changes as needed