

Florida Ocean & Coastal Council

Resource Assessment

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Overview

- Ocean and Coastal Resources Act
- Research Plan
- **Resource Assessment**
- Research Review

Florida Oceans and Coastal Council - Microsoft Internet Explorer

Address: <http://www.floridaoceanscouncil.org/>

Florida Oceans and Coastal Council

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The Council

The Florida Oceans and Coastal Council was created by the 2005 Legislature through The Oceans and Coastal Resources Act [pdf - 20 KB]. The Council is charged each year with developing priorities for ocean and coastal research and establishing a statewide ocean research plan. The Council also coordinates public and private ocean research for more effective coastal management.



To this end, the Oceans Council conducts regular meetings as part of creating an annual report recommending research priorities. They examine the management needs of those Florida agencies having coastal and marine resource management responsibilities. The research needed to address these management needs is identified and prioritized based upon overall state importance. This prioritized list is sent to the Legislature each year for use in constructing the state budget.

Final Research Plan - '09-'10 [pdf - 1.65 MB]

Quick Links

- Vision Statement
- Public Comment Guidelines [pdf - 24 KB]
- Consensus & Quorum Rules [pdf - 67 KB]
- Investing in Florida's Coastal and Oceans Future [pdf - 528 KB]
- Gulf of Mexico Alliance

Overview

Interviewee Name	Organization	Appointed By
Dr. Billy Causey	National Marine Sanctuary Program, South East Regional Director	FWC
Dr. Ernie Estevez	Mote Marine Laboratory, Director, Center for Coastal Ecology	FDACS
Dr. James Cato	University of Florida, Dean and Director, School of Natural Resources and Environment	FWC
Dr. Jerome Lorenz	Research Director, National Audubon Society's Tavernier Science Center	FWC
Dr. John Ogden	University of South Florida, Director, Florida Institute of Oceanography	FDEP
Dr. Karl Havens	University of Florida, Chair of the Department of Fisheries and Aquatic Sciences	FDEP
Dr. Lisa Robins	United States Geological Survey, Senior Scientist, Center for Coastal and Watershed Studies	FDEP
Dr. Peter Ortner	University of Miami, Associate Director, Cooperative Institute for Marine and Atmospheric Studies	FDEP
Dr. Shirley Pomponi	Senior Scientist, Harbor Branch Oceanographic Institution	FWC
Dr. Thomas Waite	Dean of the College of Engineering, Florida Institute of Technology	FDEP
Gil McRae	FWC, Director FWRI	Ex-Officio - FWRI
Holly Greening	Executive Director, Tampa Bay Estuary Program	FWC
Jane Davis	Aquarium Director, The Living Seas at Walt Disney World's Epcot	FDACS
Jerry Sansom	Executive Director, Organized Fishermen of Florida	FDACS
Jody Thomas	Director, The Nature Conservancy's South Florida Region	FDACS
Rob Hendricks	Chief Executive Officer, Coastal Conservation of Florida	FDACS
Sherman Wilhelm	FDACS, Director of Aquaculture	Ex-Officio - FDACS
Stephanie Bailenson	FDEP, Director Office of Coastal and Aquatic Managed Areas	FDEP

Legislative Guidance

“...serve as a baseline of information for the development of the research plan and include:

- Patterns of use of oceans and coastal resources;*
- Natural resource features, including, but not limited to, habitat, bathymetry, surficial geology, circulation, and tidal currents;*
- The location of current and proposed oceans and coastal research and monitoring infrastructure;*
- Industrial, commercial, coastal observing system, ships, subs, and recreational transit patterns; and*
- Socioeconomic trends of the state's oceans and coastal resources and oceans and coastal economy.”*

**Did not specify
technical implementation**

User Groups & Utilization Estimates

User Group	Definition	Initial Utilization Estimate
Legislative	Legislators and legislative staffers who need to obtain information about marine resources.	On average, 5-10 users when the legislature is in session. Intermittent usage that will be situation/issue specific throughout the remainder of the year.
FOCC Members	Florida Oceans and Coastal Council appointees and ex-officios.	15-20 users during the development of the Research Plan and while the legislature is in session. Intermittent usage that will be situation/issue specific throughout the remainder of the year.
Program Managers	Program managers at federal, state, and local resource management agencies and NGOs.	30 to 50 users weekly.
Scientists	Scientists and researchers who study Florida's coastal and ocean resources.	Unknown. Utilization metrics from the FWC website suggest several hundred per week.
General Public	Any individual user of the resource assessment not in one of the previous groups.	Unknown. Utilization metrics from the FWC website suggest several hundred to several thousand users per week

User Groups & Utilization Estimates

Categories of Needs	User Groups				
	Legislative	FOCC Members	Program Managers	General Public	Scientists
Legislative Need	✓	✓	✓	✓	✓
FOCC Need		✓	✓	✓	✓
Program Manager Need			✓	✓	✓
General Public Need				✓	✓
Scientist Need					✓

Prioritization

Priority	Definition
High	Needs that satisfy the legislative intent of the Resource Assessment <u>OR</u> needs that fall within the top 50% of interviewee responses for both the Legislative and FOCC user groups.
Medium	Needs that do not satisfy the legislative intent but were articulated by a majority of the respondents. Majority is defined as the top 75% of all user group 'needs' requests.
Low	Needs that do not satisfy the legislative intent and were articulated by three respondents or less. These are in the bottom 25% of user group need requests.

High Priority Requirements

Need	
Access to Literature	Resource Report Card
Common Synthesized Products	Status and Trend Analysis
Decision Support System for FOCC	Synthesize Data
Forecasting and Hindcasting: Simple	Acquire Data
Gap Analysis	Area of Interest Tool
Human Influence and Interaction Data	Drill Down User Interface
Natural Resource Information/Features	Geographic Searches
Overlap and Duplicate Effort Analysis	Interactive Mapping: Simple
Overlay Data Analysis: Simple	Links to Important Websites
Project Review Tool	Standardized Place Name
Text/Keyword Search	Static Mapping

System Diagrams

Search/Query Page

Keyword Search 1.2.5.2

Place Name Search 1.2.5.1

Text Search 1.2.5.3

Toolbar 1.2.4.3

Overview Map
1.2.4.2

Results Pane
1.2.3

Map Area
1.2.4.1

Contact 1.2.2

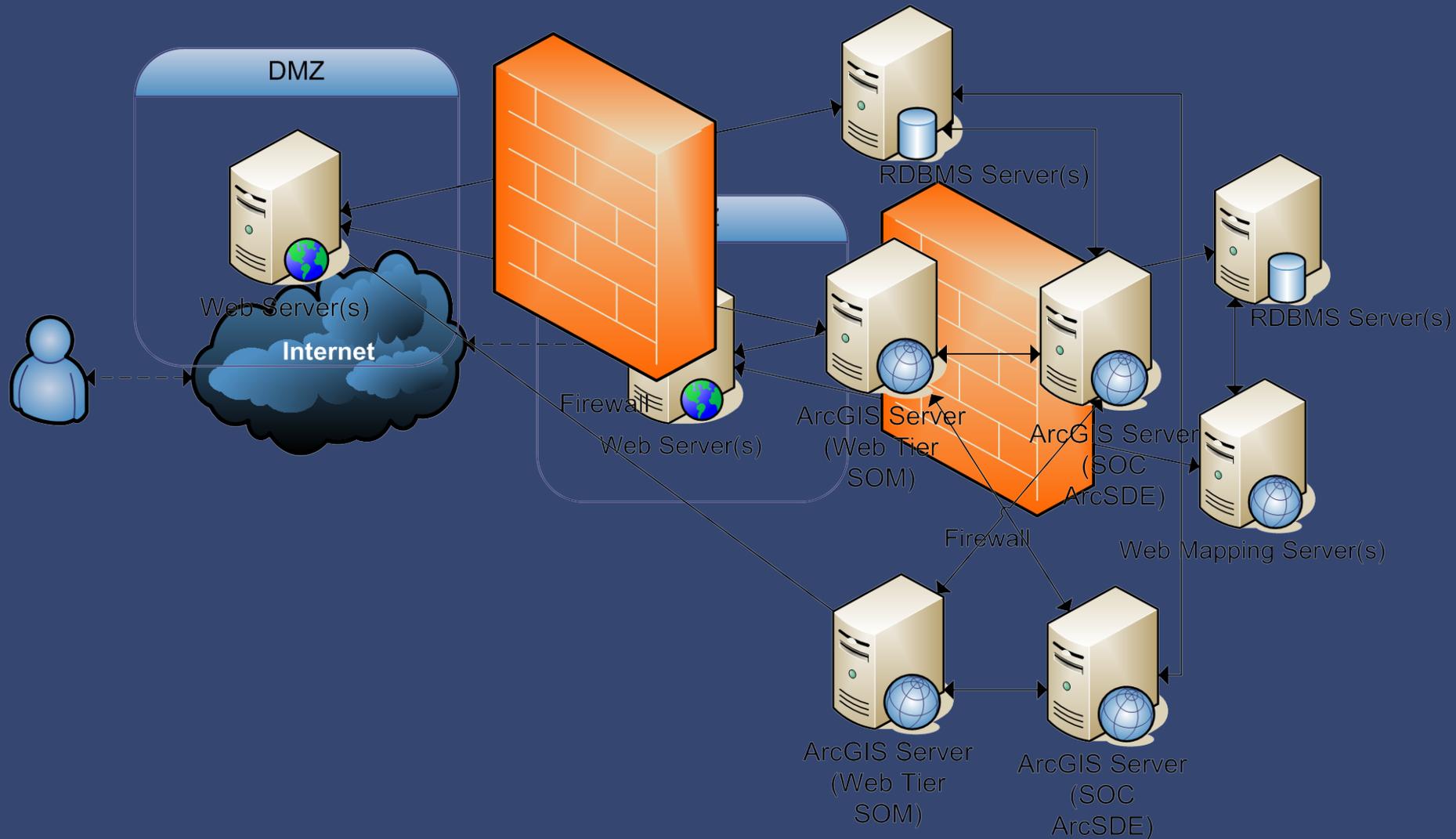
Resource
Home

sults

Use Case Realization Tables

Use Case Number	1.2
Use Case Name	Search/Query Page
Description	The Search/Query Page is the page that contains all mapping and search functionality. This page has a button that can convert the page into an advanced mapping application with all the tools outlined in the Advanced Interactive Mapping use case realization.
Use Case Level	User
Priority	High
Primary Actors	User
Secondary Actors	System
Trigger Event	User clicks the Search/Query link on the Start Page.
Preconditions	Start Page is open.
Frequency of Use	Frequent
Basic Path	Search/Query Page opens and loads all controls and tools. See also exception E1.
Alternative Path	No alternative path is available.
Exception Path	E1. The actor (System) cannot open the webpage. A message will be displayed to the user.
Post Conditions	The Search/Query Page is opened.
Special/Nonfunctional Requirements	N/A
Assumptions	User has one of the following browsers: Internet Explorer 6.0. or higher Firefox 1.5 or higher
Notes	This page represents the key end-user interface and most interactive component of the Resource Assessment website.

System Architecture

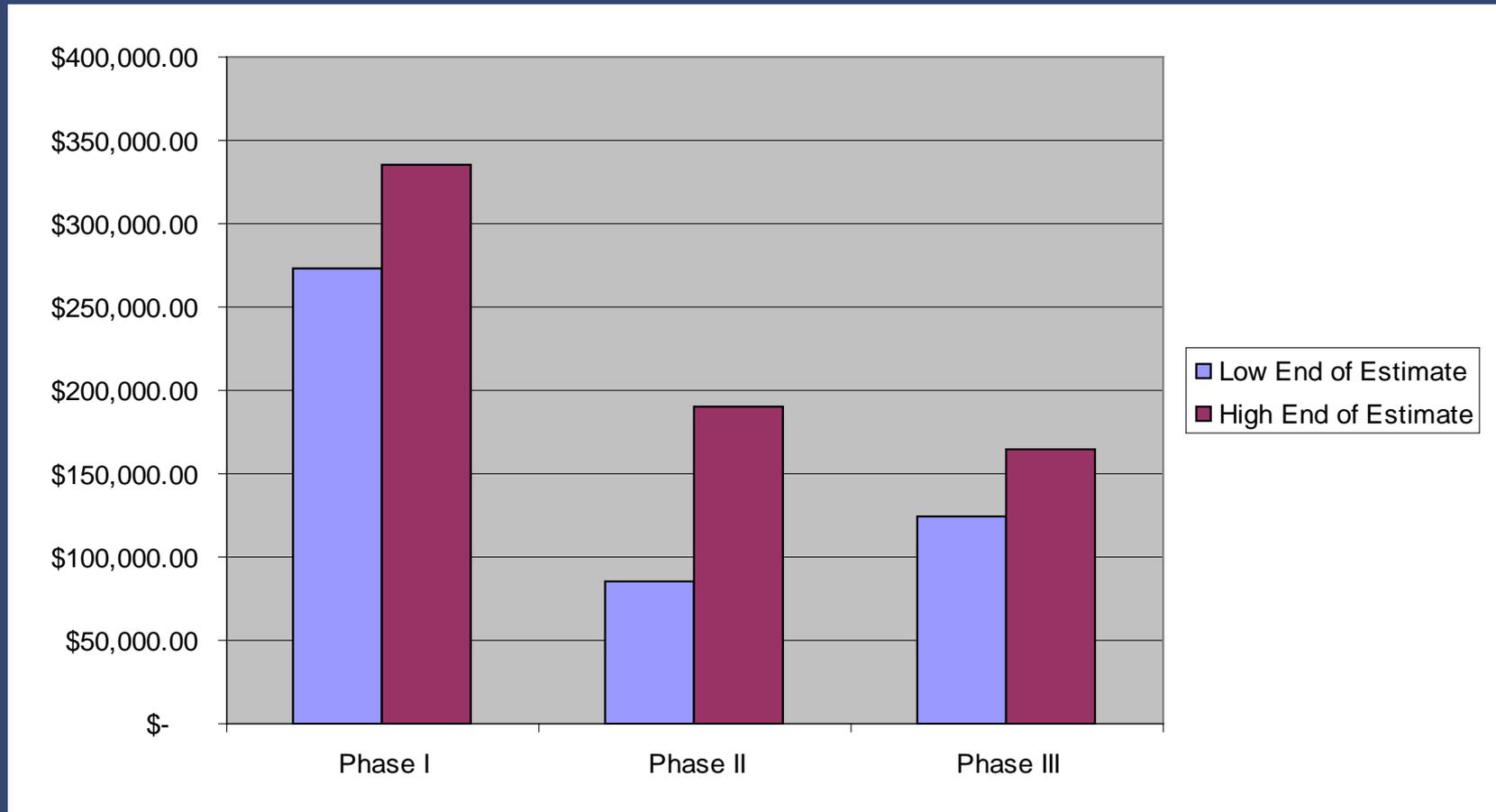


Level of Effort Estimates

- Phase III Initial Development Refinement
- Budget for Feedback
- Statistical Grid Priority Need Coastal Resources Act

Activity	Timeframe
Develop Advanced Interactive Mapping functionality	6 - 10 weeks
Develop Identify and Measure Tool	1 - 2 weeks
Develop print and save search functionality	1 - 2 weeks
Develop Hot Topics and News feature	2 - 4 weeks
Develop Public Outreach Pages	2 - 4 weeks
Develop Collaboration Tools	6 - 8 weeks
Develop final sustainment plan	2 - 4 weeks
priority use cases and available data.	12 - 16 weeks
Gather feedback on Resource Assessment Prototype.	1 - 2 weeks
Update documentation based on design changes and feedback.	2 - 4 weeks

Budget Estimates



Current Situation

- Research Plan '09-'10
- Florida Oceans Day
- Research Review
- Funding Constraints



Florida Oceans Day

**Florida's Ocean Assets
In a Changing Climate and Economy**

Wednesday ~ March 25, 2009

Ocean Economy and Climate Change:
Headlines and Handouts

Sponsor: Florida Oceans and Coastal Council

FLORIDA OCEANS AND COASTAL
COUNCIL

Capitol Rotunda ~ 9:00 am — 4:00 pm

Roundtable Discussion

Guidelines for Enhancing Florida's Ocean
and Marine Resources

The Capitol, Room TBD ~ 10:00 am

Sponsor: Florida Ocean Alliance

