

Integrated Data Management (IDM) Project Update

February, 2008

2007-2008 Research Plan

- 2 priorities received funding

- Integrated Ocean Observing Priority

A variety of projects designed to link disparate ocean observing programs into an integrated whole for better reporting and responsiveness

Appx. \$1.1 Million

- Integrated Data Management (IDM) Priority

Appx \$800 Million

Integrated Data Management (IDM) Project Components:

- Focus Area 1: Develop a Metadata Standard – funded**
- Focus Area 2: Develop System Design and Cost Estimate to Build–funded**
- Focus Areas 3 & 4: other projects not yet funded**

Metadata Project Goal

...to identify a minimal metadata standard for Florida that will provide the ability for a user to assess whether data is suitable for the user's purpose(s).

Metadata Project Strategy

Two “tiers” of metadata:

- Tier 1: Not specific to any science discipline – (i.e., the “Common Set” – who/what/where/when)
- Tier 2: Specific to a science discipline

Science Discipline Groups Completed this Fiscal Year:

- Ocean Observing
- Laboratory Analytical
- Geospatial
- Common Set (Who/what/where/when)

Metadata Strategy

- Draft a metadata standard from discipline workshop efforts
- Design and conduct a state survey
- Analyze survey results
- Revise/modify the standard if needed
- Conduct public workshops
- Finalize the draft metadata
- Present to Oceans Council and Legislature
- Legislature will require all state agencies and anyone receiving state funds for environmental research and/or monitoring to adhere to the standard

Metadata Project Timeline

- Current year – a tight squeeze!
- 4 disciplines + the common group
- Planning for remaining groups and survey for FY 2008-2009
- Next fiscal year – finish discipline groups, refine draft standard, survey, public workshops, draft final for 2009 legislature

IDM Data Focus Area 2:

SYSTEM DESIGN

System Design Project

- Purpose: To gather requirements for and design a system to facilitate sharing and increase utility of data being collected.
- Scope – future data generation
 - ** Pilot project to test feasibility of retrofitting existing data set(s) while testing system prototypes

System Design Project

- IT Team hired

 - Project IT Coordinator (George Haden)

 - Project Manager (Becky Panebianco)

 - Business Analyst (Hector Wilson)

 - Business Analyst (Erin Levin)

- Also using this team for metadata project

System Design Project Strategy – '07-'08

Gather system requirements from stakeholders

Hold 3 high level workshops for management perspectives:

- Executive Management participants
- IT Management participants
- Power User (management) participants

Hold 6 workshops to gather requirements at lower levels:

- Mixed IT/User perspective

System Design Project Strategy – '07-'08

II. Draft RFI document – to release July '08

III. Begin prototyping

System Design Project – FY 08-09

- For FY 2008-2009 (pending legislative funding):
 - Release RFI to solicit cost estimates
 - Fill out Schedule IV-B by December to request funds from legislature
 - Continue with system prototyping
 - Implement a pilot project to retrofit or at least demonstrate retrofitting of historical dataset(s)

INTEGRATED DATA MANAGEMENT (IDM) PROJECT
Organizational Chart at 11/20/07

