

# FWRMC

# Catalog of Monitoring Programs

## *6/12/2012 Update*



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# Monitoring Catalog Review

*Take advantage of the time and resources that other projects have devoted to similar efforts, look for guidance from their experiences, and take advantage of the cost efficiency associated with using an existing platform . . .*

[http://www.dep.state.fl.us/water/monitoring/council/monitoring\\_resources.htm](http://www.dep.state.fl.us/water/monitoring/council/monitoring_resources.htm)

# Monitoring Catalog Review

- FWRMC 2008 Action Plan identifies *need* for Catalog of Monitoring Programs
  - Align freshwater ---> coastal monitoring efforts
  - Starting point for assessing metadata/data comparability
  - Minimize duplication
  - Leverage resources
  - Align surface water and groundwater monitoring efforts

# Monitoring Catalog Workgroup

- Reviewed 18 web-based, interactive catalogs and atlases based on 3 criteria:
  - user interface
  - ability to search metadata for program/project information
  - ability for individual entities to upload stations/metadata
- Narrowed search down to 3 possibilities:
  - GOMA/SAA efforts
  - USF Water Atlas
  - DEP MapDirect

# Monitoring Catalog Workgroup

- Sent out “Statement of Needs” for FWRMC Catalog of Monitoring Programs to gather information on the following:
  - Design/infrastructure
  - Portability/server locations
  - Cost
  - Schedule
  - On-site assistance
- Respondents submitted pre-proposals

# Summary of Responses to Monitoring Catalog workgroup “Statement of Needs”

| <b>Response</b>                                                                   | <b>UM- CCS</b>                                                                                                                                  | <b>USF</b>                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cost</b>                                                                       | \$60,339 year 1 devel /main (includes server cost)<br>\$23,399 year 2 maintenance<br>\$24,773 year 3 maintenance                                | \$47,547 for Design and Development and first year<br>of implementation/maintenance<br>\$25,000 for annual maintenance                                                                                                                     |
| <b>Timeline</b>                                                                   | 1 year development                                                                                                                              | 6 mos. Beta; 6 mos. Evaluation & finalization                                                                                                                                                                                              |
| <b>Portability/Server<br/>Locations</b>                                           | Server would be at UM; system could probably be<br>designed to be portable                                                                      | Server would be at USF                                                                                                                                                                                                                     |
| <b>funding for<br/>database<br/>administration /<br/>QA staff is<br/>included</b> | Yes, during initial loading of data into the Catalog                                                                                            | Yes; in addition, a tool will be developed to allow the<br>data provider to run site matches for new sites and to<br>assist in site matching where needed.                                                                                 |
| <b>Additional<br/>Information</b>                                                 | Server cost \$4,000 + \$220/yr. hosting fees<br>(included in above costs)                                                                       |                                                                                                                                                                                                                                            |
| <b>Comments</b>                                                                   | Costed out as separate system from GOMA<br>catalog; costs may be less depending upon<br>alignment of FWRMC MC features with those of<br>GOMA MC | Maintenance . . costs are based on assumed saving<br>from the use of previously developed Water Atlas<br>applications and the fact that the Water Atlas has<br>mapped about 45% of the state of Florida water<br>resources and data sites. |
|                                                                                   |                                                                                                                                                 |                                                                                                                                                                                                                                            |

# Monitoring Catalog Review Next Steps

- MC workgroup & FWRMC review pre-proposals;
- MC workgroup addresses any additional questions or issues that arise (webinar with either university);
- MC workgroup teleconferences to develop recommendation for FWRMC;
- FWRMC accepts recommendation or requests additional fact-finding;

- Options:
  - FDEP can contract with the university selected
  - MC workgroup obtains guidance from FWRMC, and starts analysis again (see previous slide)
- MC workgroup develops priorities & timeline for how to proceed

. . . and, it's funded!

WMS may use a portion of its FY 12-13 funding for  
the Monitoring Catalog