Catalog of Florida Monitoring Programs
Coming to the World Wide Web in Fall 2014

A web-based, publicly-accessible database of all water resource monitoring efforts in the state of Florida.

- Catalog will contain both spatial and attribute metadata for projects and their monitoring stations.
- Both water quality and hydrology metadata will be included.
- Tools for metadata providers to perform batch uploads will be provided.
- Where available, links to sources of parametric data will be given.
- Monitoring stations will be linked to water resources listed in the National Hydrography Dataset (NHD).
- Initial launch will include Florida Water Resource Monitoring Council members projects.

Florida Water Resource Monitoring Council organizations:

Florida Coastal Ocean Observing System (COOS) Consortium
Florida Lake Management Society (FLMS)
Florida Department of Health
Florida Department of Agriculture & Consumer Services
Florida Department of Environmental Protection
Florida Fish & Wildlife Conservation Commission
UF/IFAS Volunteer Monitoring Programs
Florida Local Environmental Resource Agencies (FLERA):
  — Northwest Region
  — South Region
  — Southwest Region
  — St. Johns River Region
  — Suwannee River Region
National Oceanic & Atmospheric Administration
Northwest Florida Water Management District
South Florida Water Management District
Southwest Florida Water Management District
St. Johns River Water Management District
Suwannee River Water Management District
U.S. Environmental Protection Agency
U.S. Geological Survey
The Goal:
Understanding existing water resource monitoring is a fundamental necessity to reduce the costs of existing monitoring and to improve future monitoring in the most cost-effective manner.

The purpose of the Catalog of Florida Monitoring Programs is to increase knowledge among water resource managers, regulators, researchers, and the general public about water monitoring projects and their goals, and to make their data available to those who can have a positive impact on water quality and availability. The Catalog will promote efficiency and increase the base of knowledge about monitoring activities, while providing ready access to a wealth of current, relevant data.

The Metadata:

<table>
<thead>
<tr>
<th>WHO</th>
<th>Monitoring organization, contact information for project manager, and where/how data (analytical results) can be accessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHAT</td>
<td>Observed parameters at each monitoring station</td>
</tr>
<tr>
<td>WHERE</td>
<td>Geographic location of each monitoring station</td>
</tr>
<tr>
<td>WHEN</td>
<td>Beginning and ending dates and monitoring frequency (may vary by parameter)</td>
</tr>
<tr>
<td>WHY</td>
<td>Monitoring purpose and data quality objective</td>
</tr>
</tbody>
</table>

The Tools:

| SEARCH     | Attribute, keyword and spatial searches will be supported.                                                    |
| VIEW       | Display search results onscreen in tabular format or on a map: both project information and station information.|
| UPLOAD     | Monitoring organizations will be able to submit metadata for a single project or use a batch upload tool to report on multiple projects. |
| DOWNLOAD   | Metadata information will be downloadable in multiple formats: XLS, XML, CSV, shapefile.                     |

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