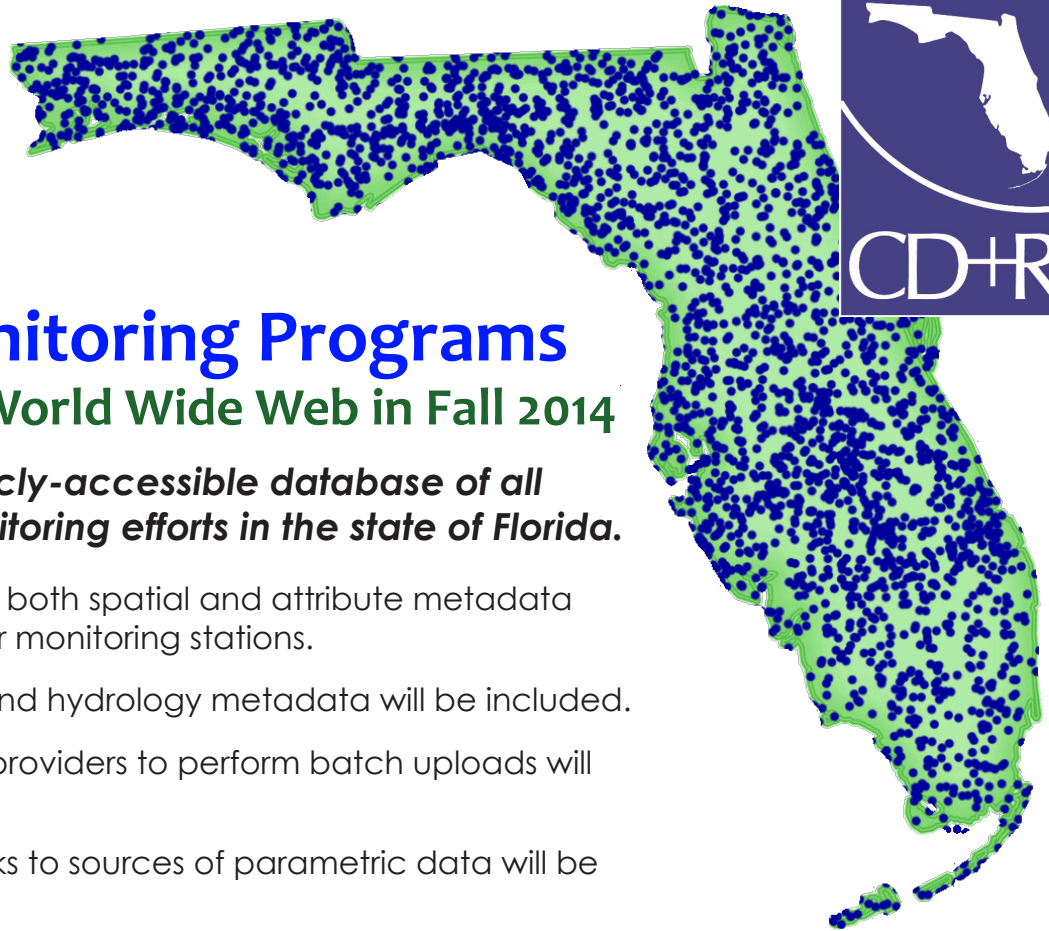


Catalog of Florida Monitoring Programs

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:

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

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.

For More Information, Contact:

Kathryn Muldoon
FDEP Project Manager
Florida Dept. of Environmental Protection
Watershed Monitoring
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
office: 850.245.8579
email: kathryn.muldoon@dep.state.fl.us

James Griffin, PhD
FCCDR Project Manager
Florida Center for Community Design &
Research, University of South Florida
4202 East Fowler Avenue, HMS301
Tampa, FL 33620
office: 813.974.1068
email: jimgriffin@usf.edu

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