

Agenda
Biological Subgroup Meeting
November 17, 2015
2:30 – 3:30 pm

Please announce your name before you make a comment
Please mute your phone if you're not speaking

A. Introductions

B. Background & History of Biological Metadata effort for the Water-CAT

C. Review: Catalog Workgroup decisions

On 5/19/15, selected Option 1 of three potential options presented by USF (derived from Ecological Metadata Language used on the Florida Coastal Everglades Long Term Ecological Research website <http://fcelter.fiu.edu/>)

- Option 1: Using Themes + Keywords (*keywords replace biological parameters*)
- Option 2: Using Themes + Keywords + Parameter Categories
- Option 3: Using Themes + Keywords + Parameters

D. Review: potential themes (example)

The screenshot displays the 'Advanced Search' interface of the Florida Coastal Everglades Long Term Ecological Research (FCE) website. The browser address bar shows the URL <http://fcelter.fiu.edu/data/core/>. The page includes a navigation menu with 'File', 'Edit', 'View', 'Favorites', 'Tools', and 'Help'. Below the menu, there are tabs for 'Display all current FCE datasets' and 'FCE Sampling attributes'. The main content area is titled 'How to search for FCE core data sets:' and lists three steps: 1. Select sites from the map (Spatial Query, optional), 2. Enter search information into the form on the left (optional), and 3. Click on the 'Search with Spatial Query' button to include the spatial query in your search. Otherwise, click on the 'Search without Spatial Query' button. The search form on the left includes a 'Data Set Originator' dropdown menu (set to 'All'), an 'LTER Core Area' dropdown menu, and an 'FCE Workgroup' dropdown menu (set to 'All'). Below these are 'Themes' and 'Keywords' sections. The 'Themes' section is expanded, showing a list of categories: Any, Atmospheric Carbon Flux, Climate, Consumer Biomass & Composition, Consumer Movements, Dissolved Organic Carbon, Human Dimensions, Hydrology, Landscape Patterns, Microbial Production & Composition, Organic Matter Characterization, Plant Nutrients & Isotopes, Producer Biomass, Producer Composition, Producer Productivity, Sea Level & Encroachment, Soil Accretion & Movement, Soil Chemistry, Soil Sediment Characteristics, Storm Disturbance, and Water Physical & Chemical Properties. The 'Keywords' section is empty. To the right of the search form is a map titled 'Spatial Query: Please select sites from the map'. The map shows the Florida Everglades region with various sampling sites marked by red dots and labeled: SRS 1b, SRS 1a, SRS 1d, SRS 2, SRS 3, SRS 4, SRS 5, SRS 6, SRS 7, SRS 8, SRS 9, SRS 10, SRS 11, SRS 12, SRS 13, SRS 14, SRS 15, SRS 16, SRS 17, SRS 18, SRS 19, SRS 20, SRS 21, SRS 22, SRS 23, SRS 24, SRS 25, SRS 26, SRS 27, SRS 28, SRS 29, SRS 30, SRS 31, SRS 32, SRS 33, SRS 34, SRS 35, SRS 36, SRS 37, SRS 38, SRS 39, SRS 40, SRS 41, SRS 42, SRS 43, SRS 44, SRS 45, SRS 46, SRS 47, SRS 48, SRS 49, SRS 50, SRS 51, SRS 52, SRS 53, SRS 54, SRS 55, SRS 56, SRS 57, SRS 58, SRS 59, SRS 60, SRS 61, SRS 62, SRS 63, SRS 64, SRS 65, SRS 66, SRS 67, SRS 68, SRS 69, SRS 70, SRS 71, SRS 72, SRS 73, SRS 74, SRS 75, SRS 76, SRS 77, SRS 78, SRS 79, SRS 80, SRS 81, SRS 82, SRS 83, SRS 84, SRS 85, SRS 86, SRS 87, SRS 88, SRS 89, SRS 90, SRS 91, SRS 92, SRS 93, SRS 94, SRS 95, SRS 96, SRS 97, SRS 98, SRS 99, SRS 100. The map also includes a scale bar (0 to 40 km) and a 'Search with Spatial Query' button.

Examples of *extremely simple* potential themes:

- Waters: freshwaters, marine waters, estuarine waters
- Types of monitoring: Trend monitoring, probabilistic monitoring, adverse event monitoring, research monitoring
- Vertical Location: Water column, benthic, epibenthic
- Ecosystems/Habitats: estuaries, lakes, streams, sandhills, hardwood hammocks, wetlands, sinkholes/springs, saltmarshes, cypress domes, beech/magnolia forests, pine flatwoods, seepage slopes, seagrass beds, coral reefs
- Geographic provinces: Carolinian, sub-tropical, tropical
- Other?

E. Keywords

- Species + study type (e.g, abundance, recruitment, species richness)
- General category (echinoderms, tortoises, submerged aquatic vegetation) + study type (e.g, abundance, recruitment, species richness)
- Other?