

FCE LTER ALL SCIENTISTS MEETING
Kovens Conference Center, Florida International University BBC
February 8-9, 2002

Friday, February 8 - Integration

Database and informatics update

- Linda Powell

Primary Production Working Group

- Evelyn Gaiser - Overview, periphyton
- Dan Childers - Freshwater macrophytes
- Robert Twilley - Mangroves
- Jay Zieman - Seagrass
- Joe Boyer - Phytoplankton

Consumer Dynamics Working Group

- Joel Trexler

Soils & Sediments Working Group

- Robert Twilley - Nutrient Accumulation and Use-Efficiency
- Carlos Coronado-Molina - SET
- Randy Chambers
- Rudolf Jaffe

Nutrients & DOM Working Group

- Joe Boyer - Overview, water quality at marine sites
- Dan Childers - Water quality at wetland sites
- Susan Dailey

Integration & Modelling Working Group

- Fred Sklar
- Greg Noe - Modelling nutrient flow and transformations
- Carl Fitz - ELM
- Chris Madden - Florida Bay Seagrass Integrated Model
- Robert Twilley - Coupling and Parameterization of Mangrove Models

Evening Poster session

Saturday, February 9 - Experimentation

Presentations of ongoing short and long-term experiments

Greg Noe - 32P cycling in oligotrophic and P-enriched freshwater marshes

Jeff Wozniak - Quantifying N cycling rates in freshwater marshes of the Southern Everglades using ¹⁵N tracer techniques

Gustavo Rubio - Decomposition of *Cladium jamaicense*, *Eleocharis cellulosa*, and *Juncus roemerianus* in the ecotone regions of Taylor Slough and Shark River Slough

David Iwaniec - Effects on ecosystem-level processes in C-111 & Taylor Slough periphyton

Tiffany Troxler Gann - Experimental manipulation of freshwater flow on southern Everglades tree islands

Ralph Mead - Sources of organic matter to suspended particulates from the lower Shark and Taylor Rivers

Cheng Yong Yang - Chemical characterization of DOM from the FCE-LTER

Susan Dailey - Microbial dynamics, nutrients, and organic material cycling in Shark River

Steve Davis - The contributions of senesced macrophyte litter to water column loads of nitrogen, phosphorus, and organic carbon

David Moore - Changes in fish diversity along the estuarine gradient and input of nutrients by mobile fish

Virginia Cornett - Distribution and biochemical characteristics of submerged aquatic vegetation in the Southwest Florida habitat of the West Indian Manatee

Randy Chambers - Ecosystem response to iron enrichment of Everglades soils

Serge Thomas - The advantage of using an incubation chamber over light and dark BOD bottles in measuring periphyton productivity

Jose Fuentes - Integrated carbon cycle research program