

2005 FCE LTER ASM Poster Sessions

Fairchild Tropical Botanical Garden, Garden House

March 25-26, 2005

Poster Session I

Friday, March 25, 2005 5:15pm - 8:00pm

Number	Authors	Title
1	FCE LTER Student group	Florida Coastal Everglades LTER Student Group
2	Matthew Rogers, Frank J. Jochem, Joseph N. Boyer, Susan K. Dailey	Bacterivory, Growth Rates, and Bacterial Abundance in Florida Bay
3	Anna R. Armitage, Thomas A. Frankovich, Kenneth L. Heck, Jr., and James W. Fourqurean	Experimental long-term nutrient enrichment causes complex changes in seagrass, microalgae, and macroalgae community structure in Florida Bay
4	Marc Simard, Victor Rivera-Monroy, Keqi Zhang, Mike Ross and Pablo Ruiz	3D Mangrove Structure in the Everglades
5	N. Poret, R.R. Twilley, V. Rivera	Decomposition of Mangrove Roots in Different Hydrogeomorphic Mangrove Sites in South Florida
6	Kim de Mutsert, Victor H. Rivera-Monroy, Robert R. Twilley, Edward Castañeda, Melissa Romigh, Stephen Davis	Flux of Organic and Inorganic Nutrients in a Fringe Mangrove Forest in the Shark River Estuary, Florida, USA
7	Randy Chambers, Kristin Pederson, and Mary Shockley	Comparison of Soil Phosphorus, Iron and Sulfur Pools in the Everglades/Florida Bay Ecosystem
8	Gregory M. Juszli Daniel L. Childers	Patterns of Belowground Primary Productivity in the oligohaline ecotone of the Florida Everglades
9	Joel Trexler, Jerry Lorenz, Carole McIvor, David Green, William Loftus, William Anderson, and Jennifer Rehage	Fish community dynamics at the Florida Coastal Everglades LTER study sites
10	Alex Croft and Lynn Leonard	The Effect of Standing Biomass on Flow Velocity, Turbulence, and Particulate Transport in Sloughs and Sawgrass Ridges within the Upper Shark River Slough
11	Juan Gallo	Effects of water level and nutrient availability on Sawgrass (<i>Cladium jamaicense</i>) biomass in the Florida Everglades
12	Mahadev Bhat and Carolina Rivera	Water Pricing Practices and their Effects on Water Allocation between Natural and Human Systems in Southeast Florida
13	Dr. Laura A. Ogden and Dr. Mahadev Bhat	Human Dimensions of the Everglades: Critical Science Needs
14	Jeffrey R. Czajkowski	Economic Analysis of the Florida Everglades Restoration
15	David Iwaniec and Daniel Childers	Water quality and hydrogeology regulation of microbial mats in Everglades' Taylor Slough Basin
16	Kathryn E. Stanaway, Joseph N. Boyer	The Effect of Microbial Mats on Sediment Nutrient Fluxes in Florida Bay
17	Patrick J. Gibson, Joseph N. Boyer, Ned P. Smith	Nutrient Mass Flux through Long Key Channel, Florida Bay
18	Colin Saunders, Daniel L. Childers	Modeling Phosphorus Dynamics in Shark River Slough, Everglades National Park
19	O. Pisani, N. Maie, R. Jaffe	Mangrove Leaf Tannins: Their Fate and Role in Dissolved Organic Nitrogen (DON) Cycling in Subtropical Estuaries
20	Nagamitsu Maie, Kathleen Parish, Rudolf Jaffé	Seasonal and geomorphological variability of the quantity and quality of dissolved organic matter (DOM) in the Florida Coastal Everglades
21	Nagamitsu Maie, Toshikazu Miyoshi, Kathleen Parish, and Rudolf Jaffé	Chemical Characteristics of High Molecular Weight Dissolved Organic Matter in an Oligotrophic Subtropical Wetland: Influence of Vegetation, geomorphology, and Seasonality
22	Sharon Ewe	TBA

Poster Session II**Saturday, March 26, 2005 12:00pm - 2:00pm**

Number	Authors	Title
25	Jose Bazante, Helena Solo-Gabriele, Gary Jacobi, David Reed, Sherry Mitchell-Bruker, Daniel Childers, Lynn Leonard and Michael Ross	Hydrologic Measurements in the Proximity of Tree Islands in Everglades National Park
26	Tiffany Troxler Gann and Daniel L. Childers	Investigating Groundwater Flow In An Everglades Tree Island
27	Gregory Noe, Judson Harvey, and James Saiers	The Role of Particulate Phosphorus in Everglades Wetlands
28	Jeffrey R. Wozniak, William T. Anderson, Daniel L. Childers, Christopher J. Madden, and David T. Rudnick	Changes in Nitrogen Uptake Rates as a Result of P-Loading
29	Charles Goss, William F. Loftus and Joel Trexler	Fish Recolonization Dynamics in Short-Hydroperiod Environments
30	Carole C. McIvor, Noah Silverman, and Katie Kuss	Establishing Baseline Data for Mangrove Forest Fishes in the Everglades
31	Joshua B. Cloutier, Rudolf Jaffe and Victor Rivera-Monroy	Molecular Characterization of Mangrove Vegetation and Sediment Cores from the Shark River Estuary, Florida
32	Y. Xu and R. Jaffé	Reconstruction of Historical Mangroves in South Florida Coastal Areas through a Biomarker Approach
33	Min Gao, Colin Saunders, Dan Childers and Rudolf Jaffé	An assessment of historical vegetation change and organic matter preservation in freshwater wetlands of the Florida Everglades: A biogeochemical, multi proxy approach
34	R. Jaffé and N. Maie	Organic Geochemistry of the Florida Coastal Everglades: Accomplishments and perspectives
35	Vic Engel, Jordan Barr and Jose Fuentes	Factors controlling latent energy fluxes and water balance in a mature mangrove forest
36	Dane Barr, Jordan G. Barr, Jose D. Fuentes, Jay C. Zieman, Tim Grahl, and Dan Childers	Seasonal controls on energy partitioning patterns of a mangrove forest
37	Jordan G. Barr, Dane Barr, Jose D. Fuentes, Jay C. Zieman, Tim Grahl, and Dan Childers	Modeling carbon dioxide assimilation processes of riverine mangroves
38	Greg D. Losada and Dr. Daniel L. Childers	Determining Sources of Phosphorous Concentration Spikes in Taylor River
39	S.L. Evans, W.T. Anderson, F.J. Jochem, J.W. Fourqurean	Interannual variability in carbon and nitrogen stable isotopic signatures of size-fractionated POM from the south Florida coastal zone
40	Jay P. Sah, Pablo L. Ruiz and Michael S. Ross	Vegetation dynamics and Cape Sable seaside sparrow populations in the marl prairie landscape
41	Keqi Zhang, Michael Ross, Pat Houle and Pablo Ruiz	The Use of Lidar in Vegetation Mapping and Characterization in the Everglades
42	Bryan Dewsbury, Patrick Gibson, Chuck Goss, Dave Green, David Iwaniec, Kathryn Stanaway, Jeffrey Wozniak, and Daniel Childers	Ecosystem-based Management Graduate Distributed Seminar
43	Bryan Dewsbury, Patrick Gibson, Chuck Goss, David Green, David Iwaniec, Kathryn Stanaway, Jeffrey Wozniak, Daniel Childers	Ecosystem Based Management and the Comprehensive Everglades Restoration Plan: A Graduate Distributed Seminar Analysis