

**2023 Florida Coastal Everglades LTER All Scientists Meeting
Poster Session**

February 27, 2023 5:00-7:30pm
Garden House at Fairchild Tropical Botanic Garden

Poster number	Title	Authors
1	Addressing mosquito population dynamics in South Florida with geographic distribution and genomic variation analysis using a community-based mosquito surveillance program	Helen Wagner , Jessica Quiñones, Gabriel Perez, Michael Ramon, Kristian Lopez, Dr. Andre da Costa da Silva, Dr. Anthony Bellantuono, and Dr. Matthew DeGennaro
2	Valuing ecosystem services of Everglades restoration: Regional and national policy implications	Chloe' Vorseth , Brandon Sosa, Lauren DeVito, and Mahadev Bhat
3	New method for building wetland adaptive capacity: Thin layer placement	Shanna Stingu
4	Detecting vegetation to open water transitions in a subtropical wetland landscape from historical panchromatic aerial photography and multi-spectral satellite imagery	Lukas Lamb , Daniel Gann, Jesse T. Velazquez, and Tiffany G. Troxler
5	Hydro-edaphic conditions can limit carbon sequestration in mangrove dominated blue carbon ecosystems	Breahna M. Gillespie , Sparkle Malone, Steven F. Oberbauer, Tiffany G. Troxler, and Edward Castaneda
6	When world's collide: Consumer nutrient dynamics in the Florida Coastal Everglades	Mackenzie White , Jennifer S. Rehage, Rolando O. Santos, Ryan J. Rezek, Jordan A. Massie, and Natasha Viadero
7	Dynamics of aquatic insect emergence in a seasonally pulsed wetland: Implications for trophic ecology above the water line	Alan J. Mock , Nathan J. Dorn, Joel C. Trexler
8	High-resolution estimation of suspended solids and particulate phosphorus using acoustic devices in a hydrologically managed canal in South Florida, USA	Ikechukwu S. Onwuka , Leonard J. Scinto, and David C. Fugate

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9	Understanding spatiotemporal patterns of flocculent organic matter biogeochemistry and metabolic reactivity in short- and long-hydroperiod Everglades marshes	Jordon King , John S. Kominoski, and Julia Pope
10	Shifting sources and fates of carbon with increasing hydrologic presses and pulses in coastal wetlands	Kenneth Anderson , John Kominoski, and Matt Smith
11	Increasing marine hydrologic connectivity influences physical and biogeochemical processes in coastal mangrove soils	Kevin Montenegro , John S. Kominoski, Kevin R.T. Whelan, and Michelle Prats
12	Quantifying post-hurricane regeneration of mangrove species along phosphorus fertility gradients in the Florida Coastal Everglades	Veronica Beatriz Restrepo , Edward Castañeda-Moya, and John S. Kominoski
13	Remotely sensing fire severity in Everglades upland ecosystems	M. Grace McLeod , Michael S. Ross, and Daniel Gann
14	A comparison of decomposition rates along a hydrological gradient in a rehydrated forested wetland	Sabrina Lyons, Gabriel Palacio, Sarah Moreno
15	Water level and surface salinity trends and relationships in the Everglades freshwater-saline ecotone	Amanda Richey , John Kominoski, Paulo Olivas, and Sparkle Malone