Tree Island Ecology: Advances on Ecological Restoration

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Objective:
Synthesize current understanding of Physical and biochemical processes that contributes to Tree Islands Dynamics within the Greater Everglades Ecosystems

Topics:
- Plant responses to hydrologic variability
- Historical use of Tree Islands
- Surface-groundwater interactions
- Landscape Level Response to Climate Change
Tree Islands and the Last 5000 Years of Human Occupation
by
Daniel Hughes USCOE
Litterfall and Tree Growth Dynamics in Pristine and Degraded Tree Islands in WCA-3A: The Importance of Ecological Functions on Tree Islands

By

Carlos Coronado-Molina SFWMD
Did Flooding Kill the Ghost Tree Islands? Evidence from Healthy Everglades Tree Islands and the LILA Experimental Platform

by

Susana Stoffella FIU
Integrating Tree Island Metrics to Understand Potential Mechanisms for Past Degradation and Future Restoration

by

Tiffany G. Troxler FIU
Hydrogeochemical Response of Experimental Everglades Tree Islands: Identifying Feedback Mechanisms Associated with Early Tree Growth and Differing Geological Material

by

Pamela L. Sullivan University of Kansas
Metacommunity Structure of Hardwood Hammocks of the Everglades and Florida Keys
by
Michael Ross  FIU

Hardwood Hammock Dynamics

 Hurricanes & Windstorm

Open Canopy

Percent Canopy Closure

Closed Canopy

Time Since Human Occupancy