

Edwin "Win" Everham, Ph.D.

Expert on hurricanes and other disturbances and their ecological impact at Florida Gulf Coast University

Fort Myers, FL, US

Edwin Everham is an expert in ecological modeling and restoration ecology.

Biography

Edwin "Win" Everham researches how ecosystems respond to disturbance events. These events include natural events like hurricanes, and ones caused by humans such as climate change and the introduction of invasive species. His work focuses on Southwest Florida, but encompasses a broad range of ecosystems. He is currently exploring patterns of anuran communities through time in Southwest Florida as indicators of environmental change, monitoring interactions of the invasive Burmese python with the native eastern indigo snake, tracking the vectors of change in Lake Trafford following restoration dredging, analyzing the impact of mosquito control on non-target organisms, continuing work on the restoration of submerged aquatic vegetation in the Caloosahatchee River, and tracking long-term growth in multiple forest plots including mangroves in the region toward quantifying carbon dynamics.

Areas of Expertise

Restoration Ecology, Hurricane Impacts on Ecosystems, Disturbance Ecology, Ecological Modeling, Ecological Monitoring, Impacts of Climate Change, Forest Fires, Sustainability Education, Urban Ecology, Wetland Ecosystems, Water Resources

Affiliations

Association for Tropical Biology, Ecological Society of America, Exotic Plant Pest Control Council, Florida Academy of Sciences, Florida Association of Environmental Professionals, International Association for Landscape Ecology, International Society for Ecological Modeling, International Society of Tropical Ecology, Society for Ecological Restoration, Society for Conservation Biology

Selected Event Appearances

Factors affecting the restoration of (*Vallisneria americana*) in the Caloosahatchee River

Charlotte Harbor Watershed Summit: Showcasing Our Accomplishments. March 28-30, 2017

Content analysis of newspaper coverage of the Florida Panther (*Puma concolor coryi*) through time

Third Annual Corkscrew Watershed Science Forum. January 27, 2017

Home range size and habitat use by the Eastern Indigo Snake (*Drymarchon couperi*) in South Florida: C- 44 Reservoir Site, Allapattah Flats, and Babcock Ranch

Third Annual Corkscrew Watershed Science Forum. January 27, 2017

Impacts of aeration on deep and shallow wet detention ponds southwest Florida
StormCon: North American Surface Water Quality Conference. August 5, 2008

Impact of wildfire on wetland and upland habitats restored from invasion of *Melaleuca quinquenervia*
The Annual Conference on Ecosystems Restoration and Creation. Hillsborough Community College.
October, 2004

The impact of Hurricane Hugo on the Luquillo Experimental Forest
Association for Tropical Biology Annual Meeting. August, 1992

Education

State University of New York College of Environmental Science and Forestry
Ph.D. Environmental and Forest Biology

Michigan Technological University
B.S. Community Ecology

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