

Edwin M. Everham III, Ph.D.
Professor of Marine and Ecological Science

ADDRESS

Florida Gulf Coast University, College of Arts and Sciences,
10501 FGCU Boulevard South, Ft. Myers, Florida 33965-6565
(239) 590-7169, Fax (239) 590-7200, eeverham@fgcu.edu

EDUCATION

Ph.D. 1996 Environmental and Forest Biology, State University of New York
College of Environmental Science
B.S. 1980 Biological Sciences, Michigan Technological University

SELECTED PROFESSIONAL POSITIONS

1996 – present Faculty of Environmental Studies, Florida Gulf Coast University.
(Professor since 2009)
2000-2004 Chair of Division of Ecological and Social Sciences, Florida Gulf Coast University
1994-1996 Founding Faculty, New College of Global Studies, Radford University
1990-1994 Data Manager - Hurricane Recovery Plot Project, Terrestrial Ecology Division,
University of Puerto Rico
1989-1993 Teaching Assistant, SUNY College of Environmental Science and Forestry
1986-1988 US Peace Corps Volunteer, Malawi, Africa
1981-1986 Science Instructor, Waukesha Public Schools, Waukesha, Wisconsin
1980-1981 Wildlife Technician, US Forest Service, Detroit, Oregon

SELECTED GRANTS AND CONTRACTS

Babcock Ranch Community baseline biological assessment: fish, herps, mammals. Co-PI: D.W. Ceilley,
co-PIs Phil Allman, B. Jackson, J. Jackson. Kitson and Partners, Inc. \$85,625.00. 2008
Bioavailability and sources of nutrients. PI: A.N. Loh, co-PIs: D. Fugate, M. Parsons, D. Ceilley, and E. Milbrandt. City
of Sanibel and Lee County Florida. \$769,083.00. 2008.
Corkscrew Regional Ecosystem Watershed Hydrology Reconnaissance. PI Brian Bovard. South Florida Water
Management District. \$25,000.00. 2008.
Tape Grass Restoration Feasibility Study. PI: D.W. Ceilley. Lee County Board of County Commissioners.
\$10,000.00. 2008
Lake Trafford Monitoring Phase II. co-PI: D.W. Ceilley. Big Cypress Subbasin South Florida Water Management
District. \$50,000.00, Supplement \$25,000.00 extension to 9/30/08. 2007.
Data analysis of water quality. PI: D.W. Ceilley. Florida Department of Environmental Protection – Bureau of
Watershed Management. \$24,487.00. 2007
Six Mile Hydrology Monitoring II. Co-PI: D.W. Ceilley. Lee County Parks and Recreation. \$7,176.00. 2007.
Lake Trafford Watershed Monitoring Plan Phase I Research. Big Cypress Subbasin South Florida Water Management
District. \$50,000.00. 2006
Hydrological Monitoring for Six Mile Cypress Slough. KLECE, Inc. \$10,000.00. 2006
Estero Bay Tributaries Riparian Vegetation Analysis. South Florida Water Management District. \$95,000.00. 2006
The ecological impacts of Hurricanes on Forested Ecosystems in southwest Florida. Faculty Research Incentive. Florida
Gulf Coast University. \$10,000. 2006
A Rapid Bioassessment Program for Estero Bay Tributaries. EPA Charlotte harbor National Estuary Program. \$19,019.
(with J. Cassani, D. Ceilley, and G. Tolley). 1998.

SELECTED PUBLICATIONS

Everham III, E.M., D.W. Ceilley, D.A. Croshaw, J. Firth, C. Gunnels, D.D. Hanson, S. Mariolan, R.J. Spear, B. Thomas,
D.E. Van Norman, B.M. Whitmore, and J.R. Cassani. "Ten Years of the Southwest Florida Frog Monitoring
Network: Natural Variation and Human-driven Changes. Florida Scientist. Accepted.
Ceilley, D.W., L. Brady-Herrero, K. Niemec, K.M. Ross, J. A. Ferlita, and E.M. Everham III. Fish community structure of
streams and canals at Babcock Ranch, Charlotte and Lee Counties, Florida. Florida Scientist. Accepted..
Ceilley, D.W., T. Denison, E. M. Everham III and M. Lohr "The Impact of Aeration on Water Quality in Deep and Shallow
Wet Retention Ponds in Southwest Florida". Florida Scientist. Accepted

- Lohr, M., K. Arnold, D. W. Ceilley, T. Denison, E. M. Everham III, K. Fikoski, and E. Livingston A collaborative approach to Best Management Practice Monitoring Projects in the Estero Bay Region. *Florida Scientist*. Accepted.
- Julian II, P., E.M. Everham III, and M.B. Main. 2012. "Influence of a large-scale Removal of an Invasive Plant (*Melaleuca quinquenervia*) on Home-range Size and Habitat Selection by Female Florida Panthers (*Puma concolor coryi*) within Big Cypress National Preserve, Florida". *Southeastern Naturalist*. In Press.
- Dixon, A.D., W.R. Cox, E.M. Everham III, and D.W. Ceilley. 2011. Anurans as biological indicators of restoration success in the Greater Everglades Ecosystem. *Southeastern Naturalist*. 10(4):629-646.
- Everham, E.M., III, D.W. Ceilley, B.L. Thomas, and D. Hamilton. 2009. Riparian vegetation along tributaries to Estero Bay, Florida. *Florida Scientist*. In Press.
- Key, J.K., E.M. Everham III, D.W. Ceilley, B.L. Thomas, and R. Leisure III. 2009. Surface and groundwater dynamics of a cypress slough in an urbanizing watershed. *Florida Scientist*. In Press.
- Denison, T.J., M.L. Lohr, D.W. Ceilley, and E.M. Everham III. 2008. Water quality evaluation of the impacts of aeration on deep and shallow wet detention ponds in southwest Florida. *Proceedings of STORMCON: North American Surface Water Quality Conference*. Orlando, Florida.
- Everham, W. 2007. Do you really need that lawn? *Gulfshore Life*. March: 112-118.
- Tolley, S.G., A.K. Volety, M. Savarese, L.D. Wells, C. Linardich, and E.M. Everham III. 2006. Impacts of salinity and freshwater inflow on oyster-reef communities in southwest Florida. *Aquatic Living Resources*. 19: 371-387.
- Pieterse, E.C., L.M. Addison, J.N. Agobian, B. Brooks-Solveson, J. Cassani, and E.M. Everham III. 2006. Five years of the southwest Florida frog monitoring network: changes in frog communities as an indicator of landscape change. *Florida Scientist*. 69(supple. 2): 117-126.
- Brokaw, N., S. Fraver, J.S. Gear, J. Thompson, J.K. Zimmerman, E.M. Everham III, R. Waide, S.P. Hubbell, and R.B. Foster. 2004. Disturbance and canopy structure in two Tropical forests. In E. Losos and E. Leigh Jr. (eds.) *Forest Diversity and Dynamism*. The University of Chicago Press.
- Brokaw, N., J. Thompson, J.K. Zimmerman, E.M. Everham III, R. Waide, and D. Schafer. 2004. Luquillo forest dynamics plot, Puerto Rico, United States. In E. Losos and E. Leigh Jr. (eds.) *Forest Diversity and Dynamism*. The University of Chicago Press.
- E.M. Everham III, J.R. Cassani, S.G. Tolley, and D.W. Ceilley. 2000. A Rapid Bioassessment Program for Estero Bay Tributaries Final Report
- Myster, R.W. and E.M. Everham III. 1999. Germination cues across the disturbance regime in the Puerto Rican rainforest. *Tropical Ecology*. 40(1):89-98.
- Romme, W.H., E.M. Everham, L. E. Frelich, M.A. Moritz, R.E. Sparks. 1998. Are large, infrequent disturbances qualitatively different from small frequent disturbances? *Ecosystems* 1: 524-534.
- Turner, M.G., V.H. Dale, and E.M. Everham III. 1997. Hurricanes, crown fires, and volcanoes: a comparison among large-scale disturbances. *BioScience*. Vol. 47(11): 758-768.
- Everham, E.M. III, R.W. Myster, and E. VanDeGenachte. 1996. Effects of light, moisture and temperature on germination of five tree species in the tropical montane forest of Puerto Rico. *American Journal of Botany*. 83(8): 1063-1068.
- Everham, E.M., III, and N.V.L. Brokaw. 1996. Forest damage and recovery from catastrophic wind. *Botanical Review*. 62(2): 113-185.
- Everham, E.M. III. 1995. A comparison of methods for quantifying catastrophic wind damage to forests. Pages 340-357 in J. Grace and M. Coutts (eds.) *Wind and wind-related damage to trees*. Cambridge University Press.
- Zimmerman, J.K. E.M. Everham III, R.B. Waide, D.J. Lodge, C.M. Taylor, and N.V.L. Brokaw. 1994. Responses of tree species to hurricane winds in a 16 ha plot of low montane forest in Puerto Rico: implications for tropical tree life histories. *Journal of Ecology*. 82: 911-922.
- Hall, C.A.S., M.R. Taylor, and E. Everham. 1992. A geographically-based ecosystem model and its application to the carbon balance of the Luquillo Forest, Puerto Rico. *Water, Air, and Soil Pollution*. 64: 385-404. Reprinted in J. Wisniewski and A.E. Lugo (eds) *Natural Sinks of CO₂*. Kluwer Academic Publishers. Boston.
- Everham, E.M., III, K.M. Wooster, and C.A.S. Hall. 1991. Forest landscape climate modeling. *Proceedings of the 1991 Symposium on Systems Analysis in Forest Resources*. USDA Forest Service. General Technical Report SE-74.
- Everham, E.M., III. 1991. A landscape simulation model of forest growth for the Luquillo Experimental Forest, Puerto Rico. In J. McLeod (ed) *Toward Understanding Our Environment*. The Society for Computer Simulation. San Diego.
- Pederson, N., E.M. Everham III, and J. Sahm. 1991. Natural disturbance simulation in the Luquillo Experimental Forest, Puerto Rico. In J. McLeod (ed) *Toward Understanding Our Environment*. The Society for Computer Simulation. San Diego.