

David W. Ceilley, M.S., CSE
Research Scientist in Marine and Ecological Science

ADDRESS

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EDUCATION

Master of Science, 1989. Fisheries and Aquatic Ecology, University of Florida, Gainesville, Florida

B. A., 1981 Biology, University of Northern Iowa, Cedar Falls, Iowa

SELECTED PROFESSIONAL POSITIONS

2006-present	Research Scientist, Dept. of Marine and Ecological Science, Florida Gulf Coast University
2007-present	Graduate Faculty, College of Arts and Science, Florida Gulf Coast University
2002-2005	Director of Environmental Science, Conservancy of SW Florida, Naples, FL
2001-2002	Senior Ecologist, Conservancy of SW Florida, Naples, FL
1996-2001	Restoration Ecologist, Sanibel-Captiva Conservation Foundation, Sanibel, FL
1994-1996	Aquatic Lab Director, K.L. Erwin Consulting Ecologists, Ft. Myers, FL
1991-1994	Senior Environmental Planner, Lee County Environmental Sciences, Ft. Myers, FL
1989-1991	Aquatic Biologist, Lee County Environmental Lab, Ft. Myers, FL
1985-1989	Limnologist II, University of Iowa Hygienic Lab, Iowa City, IA
1983-1984	Graduate Research Assistant, Center for Aquatic Plants, Univ. of Florida, Gainesville, FL

SELECTED GRANTS AND CONTRACTS:

Babcock Ranch Community baseline biological assessment: fish, herps, mammals. Co-PI: E. Everham III, co-PIs Phil Allman, B. Jackson, J. Jackson. Kitson and Partners, Inc. \$85,625.00 in 2008-09,

Babcock Ranch Community Aquatic Faunal Assessment, Kitson and Partners, Inc. \$13,000 in 2010.

Babcock Ranch Wildlife Corridor and Assessment, Kitson and Partners, Inc. \$40,000 2011-12.

Bioavailability and sources of nutrients. PI: A.N. Loh, co-PIs: D. Fugate, M. Parsons, E. Everham III, and E. Milbrandt. City of Sanibel and Lee County Florida. \$769,083.00. 2008.

Enhancing the Recovery of Threatened and Endangered Species in South Florida through Refugia. Co-PIs: I. Bartoszek, M. Schuman, R.E. Schroeder, K. Worley and J. Schmid. U.S.Fish and Wildlife Service. \$478,000.

Tape Grass Restoration Feasibility Study. Lee County Board of County Commissioners. \$10,000.00. 2008.

Planting of Tape Grass, *Vallisneria americana* in the freshwater Caloosahatchee River: a dry season opportunity. South Florida Water Management District: Phase I (2011) - \$15,000 and Phase II (2012) - \$30,000

Lake Trafford Restoration Monitoring and Management Plan. Co-PI: E. Everham and S. Thomas. Big Cypress Basin of the South Florida Water Management District. \$50,000.

Lake Trafford Monitoring Phase II. co-PI: E. Everham. Big Cypress Basin, South Florida Water Management District. \$50,000.00, Supplement \$25,000.00 for tape grass restoration to 9/30/08.

Data analysis of water quality. co-PI E. Everham, Florida Department of Environmental Protection – Bureau of Watershed Management. \$24,487.00. 2007

Estero Bay Tributaries Riparian Vegetation Analysis. South Florida Water Management District. \$95,000.00. 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

- 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
- Ceilley, D. W. 2008. Picayune Strand Restoration Project: Baseline Assessment of Inland Aquatic Fauna. Final Report to the South Florida Water Management District's Everglades Acceler8 Program, West Palm Bch. FL. 97 pp.
- Ceilley, D. W. and S. A. Bortone. 2004. Benthic Invertebrate Calibration of the Estero Bay Watershed Assessment. Final Report to the Charlotte Harbor National Estuary Program, Ft Myers, FL. 68 pp.
- Ceilley, D. W., I. Bartoszek, M. Schuman, R.E. Schroeder, K. Worley and J. Schmid. 2007. Enhancing the Recovery of Threatened and Endangered Species in South Florida through Aquatic Refugia. Cooperative Agreement # 1448-40181-01-G-47, US Fish and Wildlife Service, Vero Beach, Florida. 272 pp.
- Ceilley, D.W., I. Bartoszek, G. G. Buckner, and M.J. Schuman. 2003. Tape grass (*Vallisneria americana*) restoration feasibility study. Final Report to the South Florida Water Management District, 3300 Gun Club Rd. West Palm Bch, FL. 16 pp.
- Cassani, J. R., K. Watts, D.W. Ceilley and E. M. Everham, III. 2006. Ichthyofaunal survey of the Caloosahatchee River Oxbows. Charlotte Harbor NEP Watershed Summit, Edison College, Punta Gorda, FL.
- Mazzotti, F.J., R.G. Harvey, L.G. Pearlstine, A.D. Daugherty, L.A. Brandt, K.G. Rice, J.H. Waddle, D.W. Ceilley, and M.J. Duever. 2008. *Stressor Response Model for Southwest Florida Amphibians*. Joint Ecosystem Modeling Technical Report. Final report to the South Florida Water Management District and the U.S. Geological Survey. University of Florida, Fort Lauderdale Research and Education Center, Fort Lauderdale, Florida, 41 pages.
- Main, M. B., D. W. Ceilley, and P. A. Stansly. 2007. Inventory of freshwater fishes in isolated wetlands of South Florida. *Southeastern Naturalist* 6(2): 343-350
- 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.
- 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.
- 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 to the Charlotte Harbor National Estuary Program.