

Everglades Publications by Martha Nungesser

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Education:

- Ph.D. (Dissertation: "Stability and Resilience in Bog Hummocks and Hollows") Environmental Sciences, University of Virginia, Charlottesville, VA, 1997.
- M.S. Environmental Sciences, University of Texas at Dallas, Richardson, TX 1978
- B.A. Liberal Arts (Human Population Dynamics), Austin College, Sherman, TX 1975

Expertise:

- Patterned Peatlands
- Ecosystems
- Wetland Ecology
- Climate Change
- Landscape Ecology

Projects:

- Ridge and Slough Pattern Modeling
- Ridge and Slough Historic Pattern Changes

Publications:

Gu, Binhe, Michael J. Chimney, Jana Newman, Martha K. Nungesser. 2006. A limnological survey of a subtropical constructed wetland in south Florida. *Ecological Engineering* 27(4):345-360.

Nungesser, Martha K. and Michael J. Chimney. 2006. A hydrologic assessment of the Everglades Nutrient Removal Project, a subtropical constructed wetland in south Florida (USA). *Ecological Engineering* 27(4):331-344.

Nungesser, M.K. 2003. Modelling microtopography in boreal peatlands: hummocks and hollows. *Ecological Modelling* 165 (2-3):175-207.

Nungesser, Martha K., Jana Majer Newman, Christy Combs, Tammy Lynch, Michael J. Chimney, and Richard Meeker. 2001. Chapter 6: Optimization research for the Stormwater Treatment Areas. Consolidated Report 2001. South Florida Water Management District, West Palm Beach, FL. Pp. 6-1 to 6-44.

Nungesser, M.K. and M.J. Chimney. 2001. Evaluation of phosphorus retention in a southern Florida treatment wetland. *Water Science & Technology* 44 (11/12): 109-115.

Nungesser, Martha K. and Michael J. Chimney. 2000. Evaluation of phosphorus retention in a south Florida treatment wetland. Vol. 1, 7 th International conference on wetland systems for water pollution control, International Water Association, University of Florida, pp. 179-186.

Nungesser, Martha K., Linda A. Joyce, and A. David McGuire. 1999. The effect of spatial aggregation on estimates of forest response to climate change. *Climate Research* 11:109-124.

Nungesser, Martha K. 1998. The importance of plant species in predicting consequences of future climates. White paper, U.S. Forest Service, Ft. Collins, CO.

Nungesser, Martha K. 1997. Stability and Resilience in Bog Hummock and Hollows. Dissertation, University of Virginia, Charlottesville, VA. 150 pp.