

ANETT S. TREBITZ

Research Ecologist

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Education:

B.A., Environmental Sciences, University of Virginia, 1986

M.S., Ecology, University of Tennessee, 1989

Ph.D., Oceanography and Limnology, University of Wisconsin, 1995

Employment:

1995-Present Research Ecologist, U.S. EPA, Duluth MN

1995 Postdoctoral Fellow, U.S. EPA, Cincinnati OH

1990-1994 Research and Teaching Assistant, Center for Limnology, University of Wisconsin, Madison

1987-1990 Research Assistant, Environmental Sciences Division, Oak Ridge National Lab, Oak Ridge, TN

Research Interests and Skills:

Aquatic ecology, ecosystem and landscape ecology, life-history strategies, fish-habitat interactions, applied ecology, ecological modeling, coastal wetlands.

Professional Societies:

Association for Women in Science, Lake Superior Chapter – secretary and board member.

Ecological Society of America

International Association of Great Lakes Research

Wisconsin Wetlands Association

Selected Appointments/Honors/Major Awards:

EPA Scientific and Technological Achievement Award, 2006.

Honorable mention, best student paper, Am. Fish. Soc. meeting, 1994.

Science Alliance research award, Univ. of Tennessee, 1988.

National Merit Scholar, Univ. of Virginia, 1982-1986.

Selected Publications:

Morrice, J.M., N.P. Danz, R.R. Regal, J.R. Kelly, E.D. Reavie, T. Hollenhorst, R.P. Axler, A.S. Trebitz, A.M. Cotter, and G.S. Peterson. 2008. Human influences on water quality in Great Lakes coastal wetlands. *Environ. Manage.*, in press.

Trebitz, A.S. and D.L. Taylor. 2007. Exotic and invasive aquatic plants in Great Lakes coastal wetlands: distribution and relation to watershed land use and plant richness and cover. *J. Great Lakes Res.*, in press.

Trebitz, A.S., Brazner, J.C., Cotter, A.M., Knuth, M.L., Morrice, J.A., Peterson, G.S., Sierszen, M.A., Thompson, J.A., and Kelly, J.R. 2007. Water quality in Great Lakes coastal wetlands: basin-wide patterns and response to an anthropogenic disturbance gradient. *J. Great Lakes Res.*, in press.

Brazner, J.C., N. Danz, G. Niemi, R. Regal, T. Hollenhorst, G. Host, T. Brown, A. Trebitz, R. Howe, J. Hanowski, L. Johnson, J. Ciborowski, C. Johnston, E. Reavie, and G. Sgro. 2007. Responsiveness of Great Lakes wetland indicators to human disturbances at multiple spatial scales: a multi-assemblage assessment. *J. Great Lakes Res.*, in press.

Trebitz, A.S., J.C. Brazner, V.J. Brady, R. Axler, and D.K. Tanner. 2007. Turbidity tolerances of Great Lakes wetland fishes. *N. Am. J. Fish. Manage.*, in press.

Brazner, J.C., N.P. Danz, G.J. Niemi, R.R. Regal, J.M. Hanowski, C.A. Johnston, E.D. Reavie, A.S. Trebitz, L.B. Johnson, and R.W. Howe. 2007. Evaluation of geographic, geomorphic, and human influences on Great Lakes wetland indicators: a multi-assemblage approach. *Ecol. Indicators*, in press.

Sierszen, M.E., G.S. Peterson, A.S. Trebitz, J.C. Brazner, and C.W. West. 2006. Hydrology and nutrient effects on food web structure in ten Lake Superior coastal wetlands. *Wetlands* 26:951-964.

Trebitz, A.S. 2006. Characterizing seiche and tide-driven daily water level fluctuations affecting coastal ecosystems of the Great Lakes. *J. Great Lakes Res.* 32:102-116.

Trebitz, A.S., J.A. Morrice, D.L. Taylor, R.L. Anderson, C. West, and J.R. Kelly. 2005. Hydromorphic determinants of aquatic habitat variability in Lake Superior coastal wetlands. *Wetlands* 25:505-519.

Johnson, T.B., M.H. Hoff, A.S. Trebitz, C.R. Bronte, T.D. Corry, J.F. Kitchell, S.T. Lozano, D.M. Mason, J.V.

- Scharold, S.T. Schram, and D.R. Schreiner. 2004. Spatial patterns in assemblage structures of pelagic forage fish and zooplankton in western Lake Superior. *J. Great Lakes Res.* 30(Supl. 1):395-406.
- Morrice, J.M., J.R. Kelly, A. S. Trebitz, A.Cotter, and M. Knuth. 2004. Temporal dynamics of nutrients and hydrology in a Lake Superior coastal wetland. *J. Great Lakes Res.* 30(Supp. 1):82-96.
- Trebitz, A.S., B.H. Hill, and F.H. McCormick. 2003. Response of indices of biotic integrity to simulated fish assemblage changes. *Environmental Management* 32:499-515.
- Trebitz, A.S., J.A. Morrice, and A.M. Cotter. 2002. Relative role of lake and tributary in hydrology of Lake Superior coastal wetlands. *J. Great Lakes Res.* 28:212-227.