

## **Anett Trebitz, Research Ecologist in EPA's National Health and Environmental Effects Research Laboratory**

Mid Continent Ecology Division,  
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**Area of Expertise:** Aquatic ecology – especially wetland and coastal ecosystems and their hydrology, water quality, aquatic vegetation, and fishes; life-history strategies and species-habitat interactions; ecosystem responses to anthropogenic stressors; ecosystem and landscape ecology; invasive species early detection and impacts, ecological modeling and numerical analyses.

### **Select Publications:**

- Angradi, T.R., W.M. Bartsch, A.S. Trebitz, and V.J. Brady. 2017. A depth-adjusted ambient distribution approach for setting numeric removal targets for a Great Lakes Area of Concern beneficial use impairment: Degraded benthos. *J. Great Lakes Res.*, *in press*.
- Trebitz, A.S., J.A. Nestlerode, and A.T. Herlihy. 2017. USA-scale patterns in wetland water quality as determined from the 2011 National Wetland Condition Assessment. *Envi. Monit. Assess.*, *in press*.
- Hoffman, J., J. Schloesser, A. Trebitz, G. Peterson, M. Gutsch, H. Quinlan, and J.R. Kelly. 2016. Sampling design for early detection of aquatic invasive species in Great Lakes ports. *Fisheries* 41:26-37.
- Trebitz, A.S., J.C. Hoffman, G. Grant, T. Billehus, and E. Pilgrim. 2015. Potential for DNA-based identification of Great Lakes fauna: match and mismatch between species inventories and DNA barcode libraries. *Sci. Reports* 5:12162.
- Trebitz, A.S. and J.C. Hoffman. 2015. Coastal wetland support of Great Lakes fisheries: progress from concept to quantification. *Trans. Am. Fish. Soc.* 144:352-372.
- Larson, J.H., A.S. Trebitz, A.D. Steinman, M.J. Wiley, M. Carlson Mazur, V. Pebbles, H.A. Braun, P.W. Seelbach. 2013. Great Lakes rivermouth ecosystems: Scientific synthesis and management implications. *J. Great Lakes Res.*, 39:513-524.

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### **Education:**

- B.A., Environmental Sciences, University of Virginia, Charlottesville; Environmental Sciences, 1986
- M.S., Ecology, University of Tennessee, Knoxville; Ecology, 1989
- Ph.D., University of Wisconsin, Madison; Oceanography and Limnology, 1995

### **Professional Experience:**

- Program co-chair, International Association of Great Lakes Research conference, 2011
- Board member, Lake Superior chapter of Association for Women in Science, 2003-2014.
- Associate editor, *Journal of Great Lakes Research*, 2012 to present.
- EPA-ORD Scientific and Technological Achievement award for publication excellence, level I in 2010; level II in 2012; level III in 2013, 2012, 2008, 2005.