**Resume - Thomas H. Johengen**

Cooperative Institute for Limnology & Ecosystems Research
School of Natural Resources & Environment
University of Michigan, Ann Arbor, MI 48109

**EDUCATION**

Ph.D. 1991, Oceanic Science, University of Michigan, Ann Arbor, Michigan
M.Sc. 1986, Oceanography, The Florida State University, Tallahassee, Florida
B.Sc. 1981, Biology, Michigan State University, East Lansing, Michigan

**PROFESSIONAL HISTORY**

2009 - Assoc. Research Scientist and Assoc. Director, CILER- SNRE, University of Michigan.
2000-2005 Director, CILER, University of Michigan.
1997-2009 Assisstant Research Scientist, CILER, University of Michigan.

**SELECTED HONORS & AWARDS**

Great Lakes Observing System – Special Recognition Award, November 2013
University of Michigan - Research Faculty Achievement Award, May 2013
IAGLR – 2008 Chandler-Misener Award for Best Paper in JGLR, May 2009
NOAA-Oceanic and Atmospheric Research Outstanding Scientific Paper Award, September 2008

**SELECTED PUBLICATIONS**

Michalak, A.M., E.J. Anderson, D. Beletsky, S. Boland, N.S. Bosch, T.B. Bridgeman, J.D. Chaffin, K.Cho, R. Confesor, I. Daloglu, J.V. DePinto, M.A. Evans, G.L. Fahnenstiel, L. He, J.C. Ho, L. Jenkins, T.H. Johengen, K.C. Kuo, E. LaPorte, X. Liu, M.R. McWilliams, M.R. Moore, D.J. Posselt, R.P. Richards, D. Scavia, A.L. Steiner, E. Verhamme, D.M. Wright, and M.A. Zagorski (2013). *Record-setting algal bloom in Lake Erie caused by agricultural and meteorological trends consistent with expected future conditions.* PNAS, April 16, 2013, vol. 110, no. 16: www.pnas.org/cgi/doi/10.1073/pnas.1216006110

Johengen, T.H., Vanderploeg, H.A., and J.R. Liebig. (2013). *Effects of algal composition, seston stoichiometry, and feeding rate on zebra mussel (Dreissena polymorpha) nutrient excretion in two Laurentian Great Lakes*. In Quagga and Zebra Mussels: Biology, Impacts, and Control, Second Edition. T.F. Nalepa, and D.W. Schlosser (Eds.). CRC Press, Boca Raton, FL, 445-459 pp. (2013).

Vanderploeg, H.A., Wilson, A.E., Johengen, T.H., Dyble, J., Sarnelle, O., Liebig, J.R., Robinson, S.D., and G.P. Horst. (2013). *The role of selective grazing by dreissenid mussels in promoting toxic Microcystis blooms and other changes in phytoplankton composition in the Great Lakes.* In Quagga and Zebra Mussels: Biology, Impacts, and Control, Second Edition. T.F. Nalepa, and D.W. Schlosser (Eds.). CRC Press, Boca Raton, FL, 509-523 pp. (2013).

Bunnell, D.B., R.P. Barbiero, S.A. Ludsin, C.P. Madenjian, G.J. Warren, D.M. Dolan, T.O. Brenden, R. Briland, O.T. Gorman, J.X. He, **T.H. Johengen**, B.F. Lantry, B.M. Lesht, T.F. Nalepa, S.C. Riley, C.M. Riseng, T.J. Treska, I. Tsehaye, D.M. Warner, M.G. Walsh, and B.C. Weidel (2014). *Changing ecosystem dynamics in the Laurentian Great Lakes: exploring evidence for bottom-up and top-down regulation*. BioScience. 64 (1):26-39.

Shuchman, R.A., G.A. Leshkevich, M.J. Sayers, T.H. Johengen, C.N. Brooks, and D. Pozdnyakov (2013). *An algorithm to retrieve chlorophyll, dissolved organic carbon, and suspended minerals from Great Lakes satellite data.* Journal of Great Lakes Research 39 (Supplement 1): 14-33 (DOI:10.1016/j.jglr.2013.06.017).

**SYNERGISTIC ACTIVITIES**

- Board member of Canadian Aquatic Invasive Species Network II, 2012 - present
- Chief Scientist for the Alliance for Coastal Technologies, 2006 – present
- Committee member of Great Lakes Aquatic Nuisance Species Panel, 2001 – present