

JO A. THOMPSON

Research Aquatic Biologist

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Education:

B.S., Aquatic Biology, University of Wisconsin, Stevens Point, 1988

M.S., Environmental Biology, University of Minnesota, Duluth, 1992

Employment:

2005-Present Regional Environmental Monitoring and Assessment Coordinator, Biologist, USEPA, Duluth, MN
1995-2005 Research Aquatic Biologist, USEPA, Duluth, MN
1993-1995 Biology Research Supervisor, Integrated Laboratory Systems, RTP, NC
1992-1993 Biologist, ASci Corporation, Environmental Testing Division, Duluth, MN
1990-1992 Research Biologist, ASci Corporation, Duluth, MN
1989-1990 Graduate Research Assistant, University of Minnesota, Duluth

Research Interests and Skills:

Diatom and stream ecology; biological criteria; linking algal responses to stressors in streams and wetlands

Selected Publications:

Trebitz, A.S., J.C. Brazner, A.M. Cotter, M.L. Knuth, J.A. Morrice, G.S. Peterson, M.E. Sierszen, J.A. Thompson and J.R. Kelly. 2007. Water quality in Great Lakes coastal wetlands: Basin-wide patterns and responses to an anthropogenic disturbance gradient. *J. Great Lakes Res.* 33 (SP3):67-85.

Chipp, S.R., D.E. Hubbard, K.B. Werlin, N.J. Haugerud, K.A. Powell, and J.A. Thompson. 2006. *Wetlands* 26: 497-508.

Detenbeck, N.E., S.L. Batterman, V.J. Brady, J.C. Brazner, V.M. Snarski, D.L. Taylor, J.A. Thompson, and J.W. Arthur. 2000. A test of watershed classification systems for ecological risk assessment. *Environ. Toxicol. Chem.* 19:1174-1181.

Thompson, J.A. 1997. Cellular fluorescence capacity as an endpoint in algal toxicity testing. *Chemosphere* 35:2027-2037.

Arthur, J.W., T.H. Roush, J. A. Thompson, C.T. Walbridge, and F.A. Puglisi. 1997. Evaluation of low order stream quality in Central Iowa. EPA/600/R-97/009. USEPA, Duluth, MN.

Arthur, J.W., T. Roush, J.A. Thompson, F.A. Puglisi, C. Richards, G.E. Host, and L.B. Johnson. 1995. Evaluation of watershed quality in the Saginaw River Basin. EPA/600/R-95/153. USEPA, Duluth, MN.

Norberg-King, T. J., D. I. Mount, J. R. Amato, D. A. Jensen, and J. A. Thompson. 1992. Toxicity identification evaluation: Characteristics of chronically toxic effluents, Phase I. EPA-600/6-91/005F. USEPA, ERL-Duluth, MN.