**Biographical Sketch**

**Stephen B. Brandt**

Professor, Department of Fisheries & Wildlife, 104 Nash Hall, Oregon State University, Corvallis, OR 97331

**Professional Preparation**

University of Wisconsin, Madison, WI; Major: Zoology and Mathematics, B.A. 1972

University of Wisconsin, Madison, WI; Major: Oceanography and Limnology, M.Sc. 1975

University of Wisconsin, Madison, WI; Major: Oceanography and Limnology, Ph.D. 1978

**Appointments**

* Professor, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, 2013 – Present
* Director, Oregon Sea Grant, Oregon State University, Corvallis, OR, 2009 – 2013
* Director, Senior Executive Service, NOAA Great Lakes Environmental Research Laboratory, Ann Arbor, MI, 1997-2009.
* Director and Professor of Biology, Great Lakes Center for Env. Res. and Ed., SUNY Coll., Buffalo, NY, 1994-1997
* Professor and Associate Professor, University of Maryland, Chesapeake Biological Laboratory, Solomons, MD, 1987-1994
* Associate Professor, SUNY College of Environmental Science and Forestry, Syracuse, NY, 1983-1987
* Senior Research Scientist, CSIRO Marine Laboratories, Cronulla, N.S.W., Australia, 1978-1983

#### Products: *Five publications (out of 108) most closely related to this project:*

1. Brandt, S.B., M. Costantini, S. Kolesar, S.A. Ludsin, D.M. Mason, C. M. Rae and H. Zhang. 2001. Does Hypoxia reduce habitat quality for Lake Erie Walleye? A bioenergetics perspective. Can. J. Fish. Aquat. Sci. 68(5):857-879.
2. Costantini, M., S.A. Ludsin, D.M. Mason, X. Zhang, W.C. Boicourt, and S.B. Brandt. 2008. Effect of hypoxia on habitat quality of striped bass (Morone saxatilis) in Chesapeake Bay. Can. J. Fish. Aquatic Sci. 65:898-1002.
3. Brandt, S.B., M.Gerkin, K. Hartman, E. Demers. 2009. Effects of hypoxia on food consumption and growth of juvenile striped bass (Morone saxatilis). J. Exp. Mar. Biol. Ecol. Vol. 381:143-149.
4. Ludsin, S.A., X. Zhang, S.B. Brandt, M.R. Roman, W.C. Boicourt, D.M. Mason, and M.Costantini. 2009. Hypoxia-avoidance by planktivorous fish in Chesapeake Bay: implications for food web interactions and fish recruitment. J. Exp. Mar. Biol. Ecol. 381: 121-131.
5. Zhang, H., S.A. Ludson, D.M. Mason, A. T. Adamack, S. B. Brandt, X. Zhang, D.G. Kimmel, M. Roman and W.C. Boicourt.. 2009. Hypoxia-driven changes in the behavior and spatial distribution of pelagic fish and mesozooplankton in the Northern Gulf of Mexico. J. Exp. Mar. Biol. Ecol. 381: 80-91.

***Products:*** *Five other related publications:*

1. Lewitus, A.J., D.M. Kidwell, E.B. Jewett, S. B. Brandt and D.M. Mason (Editors). 2009. Ecological Impacts of Hypoxia on Living Resources. Special Supplement of the Journal of Experimental Marine Biology and Ecology. 381: 215 pages.
2. Hondorp, D.W., S.A. Pothoven and S.B. Brandt. 2011. Feeding selectivity of slimy sculpin *Cottus cognatus* and deepwater sculpin *Myoxocephalus thompsonii* in southeast Lake Michigan: Implications for species coexistence. J. Great Lakes Research: 37(1):165-172.
3. Roberts, J.J., S.B. Brandt, D. Fanslow, S.A. Ludsin, S. Pothoven, D. Scavia, and T.O. Höök. 2011. Effects of hypoxia on yellow perch consumption, growth and RNA:DNA rations. Transactions of the American Fisheries Society. 140: 1574-1586
4. Roy, D., G.D. Haffner and S.B. Brandt. 2004. Estimating fish production potentials using a temporally explicit model. Ecological Modeling 173:241-254.
5. Brandt, S.B. and D.M. Mason. 2003. Effect of nutrient loading on Atlantic menhaden (Brevootia tyrannus) growth rate potential in the Patuxent River. Estuaries 26:298-309.

#### Selected Synergistic Activities

1. Science Advisory Board, Louisiana Coastal Area (LCA) restoration, 2006-2012.
2. Chair, Science and Technology Advisory Committee, Executive Board, Governor’s Ocean Policy Advisory Council, OR, lead the formal evaluation of the entire statewide marine mapping effort that fed directly into the revision of the state’s Territorial Sea Plan and siting designations for Alternative Ocean Energy development in Oregon. 2009- present
3. Chair, 2012 International Workshop on Invasive Species and Tsunami Marine Debris: Regional Preparedness and Response.
4. Service to professional societies including NE Association of Marine and Great Lakes Laboratories (President, 1998-00), International Association for Great Lakes Research (President, 1994-95)
5. Briefed over 400 congressional offices and gave formal congressional testimony 7 times on a wide variety of NOAA issues and priorities (1997 – 2008)