

THEODORE R. ANGRADI

Research Biologist

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Education:

B.S., Wildlife Management, Virginia Polytechnic Institute and State University, Blacksburg, 1984

M.S., Wildlife and Fisheries Science, The Pennsylvania State University, University Park, 1986

Ph.D., Biology, Idaho State University, Pocatello, 1990

Employment:

1999-2007 Research Biologist, EPA, Duluth, MN

1998 Visiting Scientist, Rutgers University Marine Field Station, Institute of Marine and Coastal Sciences, Tuckerton, NJ

1994-1999 Aquatic Ecologist (GS-13), US Forest Service, NE Forest Experiment Station, Parsons, WV

1992-1994 Postdoctoral research associate, US Forest Service, NE Forest Experiment Station, Parsons, WV

1991-1992 Limnologist, Colorado River Program, Arizona Game and Fish Department, Phoenix, AZ

Research Interests:

I'm interested in the structure and function of river ecosystems. My current work is focused on monitoring and assessment of Great River ecosystems using multiple biotic and biotic indicators.

Professional Societies:

North American Benthological Society

American Fisheries Society

Selected Appointments/Honors/Major Awards:

EPA's Bronze award for Commendable Service (Region 8 EMAP), 2002

EPA Superior Accomplishment Recognition Award, 2004

EPA Superior Accomplishment Recognition Award, 2005

EPA ORD Scientific and Technological Achievement Award - Honorable mention, 2006

NHEERL Quality Assurance Award, 2006

Selected Publications:

Angradi, T.R., editor. 2006. Environmental monitoring and assessment program, Great River ecosystems field operations manual. EPA/620/R-06/002. Environmental Protection Agency, Office of Research and Development, Washington, DC. www.epa.gov/emap/greatriver/

Angradi, T.R., Schweiger, E.W., and D.W. Bolgrien. 2006. Inter-habitat variation in the benthos of the Upper Missouri River (North Dakota, USA): Implications for Great River bioassessment. *River Research and Applications*, 22, 755-773

Angradi, T.R., E.W. Schweiger, D.W. Bolgrien, P.C. Ismert, and T. Selle. 2004. Bank stabilization, riparian land use and the distribution of large woody debris in a regulated reach of the Upper Missouri River, North Dakota, USA. *River Research and Applications*, 20, 829-846

Bolgrien, D.W., T.R. Angradi, E.W. Schweiger, and J.R. Kelly. 2004. Contemplating the Assessment of Great River Ecosystems. *Environmental Monitoring and Assessment*: 103:21-40.

Schweiger, E.W., D. W. Bolgrien, T.R. Angradi and J. R. Kelly. 2004. Environmental monitoring and assessment of a Great River ecosystem: The Upper Missouri River Pilot. *Environmental Monitoring and Assessment*: 103:5-20.

Angradi, T.R., S. Hagan, and K.W. Able. 2001. Vegetation type and the intertidal macroinvertebrate fauna of a brackish marsh: *Phragmites* versus *Spartina*. *Wetlands* 21:75-92.

Angradi, T.R., R. Hood, and D.C. Tarter. 2001. Vertical, longitudinal and temporal variation in the macrobenthos of an Appalachian headwater stream system. *The American Midland Naturalist* 146:223-242.

Angradi, T.R. 1999. Fine sediment and macroinvertebrate assemblages in Appalachian headwater streams: a field experiment with applications for biomonitoring. *Journal of the North American Benthological Society* 18:48-65.

- Angradi, T.R. 1999. Fine sediment and macroinvertebrate assemblages in Appalachian headwater streams: a field experiment with applications for biomonitoring. *Journal of the North American Benthological Society* 18:48-65.
- Angradi, T.R., and R. Hood. 1998. An application of the plaster dissolution method for quantifying water velocity in the shallow hyporheic zone of an Appalachian headwater stream system. *Freshwater Biology* 39:301-315.
- Angradi, T.R. 1997. Hydrologic context and macroinvertebrate community response to floods in an Appalachian headwater stream. *The American Midland Naturalist*, 139:371-386.
- Angradi, T.R. 1996. Inter-habitat variation in benthic community structure, function and organic matter storage in three Appalachian headwater streams. *Journal of the North American Benthological Society* 15:42-62