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## Profile

Mr. Clingerman is experienced in natural resources science and management, specifically in aquatic ecology and water monitoring. He also has six years of experience utilizing GIS technologies for geographic and aquatic applications.

## Skills and Experience

Experienced in natural resource science research, including project design collaboration; data acquisition, management, and analysis; and writing technical research reports and findings.

Experienced in performing statistical analysis and modeling of environmental variables and conditions.

Experienced in management and manipulation of large, complex scientific datasets.

Experienced in performing spatial data analysis and in creating presentation-quality visuals within GIS.

Experienced in both oral and written communication of scientific problems, data, and findings to multiple groups including the general public, academics, professionals, and students.

Experienced in the training and supervision of aquatic field technicians and in providing oversight of scientific data collection and management.

Developed spatially explicit statistical models to describe distribution of an ecologically and recreationally important fish species in WV, then used that information to develop restoration, reintroduction, and preservation priorities for future conservation work.

## Education

M.S., Wildlife and Fisheries Resources, Emphasis in aquatic ecology, natural resource management, and spatial ecology. West Virginia University, Morgantown, 2008.

B.S., Wildlife and Fisheries Resources, West Virginia University, Morgantown, 2005.

## Publications

Hartz L, Boettner F, Clingerman J. 2011. Greenbrier Valley local food: the possibilities and potential. Prepared for Greenbrier Valley Economic Development Corporation. Downstream Strategies.

Clingerman J. 2008. Statewide analysis of brook trout (*Salvelinus fontinalis*) population status and reach-scale conservation priorities in West Virginia watersheds. Master's Thesis. WVU.

Keener L, Clingerman J. 2008. Trail natives: eastern brook trout. *Appalachian Trail Magazine* (May-June): 44-45.

Clingerman J, Bebak J, Mazik P, Summerfelt S. 2007. Use of avoidance response of rainbow trout to carbon dioxide for fish self-transfer between tanks. *Aquacultural Engineering*, 37(3):234-51.

Clingerman J, Bebak-Williams J, Summerfelt S. 2006. Carbon dioxide avoidance response used to improve fish transfer and harvest. *Global Aquaculture Advocate*, 9(2):44-5.