

Jason Clingerman

Project Aquatic Ecologist



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Profile

Mr. Clingerman is experienced in natural resources science and management, specifically in aquatic ecology and water monitoring. He has over 5 years' experience performing aquatic surveys for fish, macroinvertebrates, habitat, and water quality, and over ten years' experience in the management and analysis of aquatic data. He also has ten years of experience utilizing GIS technologies for geographic and aquatic applications. Mr. Clingerman also has 3 years' experience leading projects both in a project manager roll, and as a technical lead. He is experienced in contracting, invoicing, and coordinating large and diverse groups of stakeholders.

Skills and Experience

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

Experienced in project management, including contracting, invoicing, and project team coordination.

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 coordinating and collaborating with large and diverse groups of stakeholders.

Experience in reviewing NPDES and SMCRA permits and associated surface water quality data.

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.

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.

Representative Publications

Clingerman J, Petty T, Boettner F. 2015. North Atlantic LCC Aquatic Habitat Assessment: Chesapeake Bay Watershed Brook Trout Habitat and Climate Change Vulnerability Assessment. Final Report submitted to the North Atlantic Landscape Conservation Cooperative Assessment Project. Downstream Strategies and West Virginia University.

Clingerman J, Petty T, Boettner F, 2013. Case Study: Analysis of Scale on Boosted Regression Tree Fish Habitat Models. 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.

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