

Amanda J. Deal

Education

Frostburg State University, Frostburg, MD

M.S. Applied Ecology & Conservation Biology

May 2006

Thesis: The Current Status and Future Prospects of Rare Fishes in Maryland

Alderson Broaddus College, Philippi, WV

B.S. Environmental Science, Biology Minor

May 2003

Senior Thesis: Insect Visitors and Visitation Rates to New York Ironweed (*Vernonia noveboracensis*) and Tall Goldenrod (*Solidago altissima*)

Experience

July 2013 to present

Environmental Scientist, Earthtech, Inc.

Somerset, PA

- Wetlands delineations
- Stream surveys and delineations
- PNDI field surveys
- GIS mapping

March 2010 to July 2013

Permit Specialist, Earthtech, Inc.

Somerset, PA (formerly Johnstown, PA)

- Conduct field work including PNDI field surveys, background water sampling, and water monitoring
- Provide support for PA DEP permit submissions
- Use GIS to conduct mining feasibility studies

May 2009 to March 2010

Environmental Consultant and Grant Writer

Self-Employed, Somerset, PA

- Write and administer grants for non-profit organizations
- Research, organize and write Coldwater Conservation Plans
- Develop and maintain websites for local organizations
- Use GIS to assist in conservation planning
- Coordinate county-wide rain barrel program

August 2007 to March 2009

Resource Scientist/Environmental Educator, Somerset Conservation District

Somerset, PA

- Develop and maintain water quality and GIS databases
- Design and implement watershed studies
- Conduct educational workshops
- Write grant proposals

August 2003 to June 2006

Research Assistant, University of Maryland Center for Environmental Studies, Appalachian Laboratory, Frostburg, MD

- Assemble database of chemical, physical and biological of all streams in MD
- Create fish species distribution maps
- Investigate trends in future land use changes
- Curate University System of Maryland's Fish Museum

August 2003 to May 2005

Teaching Assistant, Frostburg State University

Frostburg, MD

- Instruct undergraduate laboratory (BIOL-109: Human Biology and the Environment)
- Organize preparatory meetings for all laboratory instructors
- Lecture for senior faculty members