

Jenny Newland

Senior Scientist

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Profile

Ms. Newland contributes an ecosystem perspective to projects to restore stream, wetland, and upland systems. She brings over 15 years of project management and leadership experience to projects. Ms. Newland has also helped rural public utilities develop long-term plans for improving sanitation infrastructure. Ms. Newland works directly with clients to develop locally appropriate projects that meet landowner, funder, and ecological goals.

Skills and Experience

Led a regional nonprofit with an annual budget of \$3 million and a staff of 12 professionals working on stream restoration, wastewater treatment, and education projects across the Central Appalachians.

Experienced in developing funding streams and building partnerships to assess, design, and implement solutions.

Coordinated and edited multi-state, regional, and county-level reports with an emphasis on the effects of environmental stressors on both the ecological and economic health of rural communities.

Experienced in leading multi-state regional initiatives to foster environmental and economic improvements in the Central Appalachian region, including a review of geographically-based environmental management programs and identification of opportunities for building and enhancing a regional restoration industry.

Provided expertise in ecology and sustainable forest management of Central Appalachian forests to stream and wetland restoration projects.

Developed a system for planning and documenting assessment, design, and implementation with community groups across the Highlands to address wastewater treatment issues.

Serves on committees working to address sanitation challenges in West Virginia and regionally.

Invited as a leader in community development to participate in the visit of the U.N. Expert on the Issue of Human Rights Obligations Related to Access to Safe Drinking Water and Sanitation (2011) and U. N Expert on Poverty (2017) and participated in the White House Rural Economic Forum (2012).

Education

M.S. Forestry, University of Montana, 1998. Emphasis on interaction of forest management and soil nitrogen cycles.

B.S., Applied Earth Science and Biological Science, Stanford University, 1992.

Publications

Newland, J, DeLuca, T. 2000. Influence of fire on native nitrogen-fixing plants and soil nitrogen status in ponderosa pine - Douglas-fir forests in western Montana. *Canadian Journal of Forest Research*. 30(2):274-282.

Canaan Valley Institute. 2013. Wyoming County Wastewater Treatment Needs. (CVI Authors J Newland and V Fenwick-Judy)

Canaan Valley Institute. 2012. Improving Wastewater Treatment in Eastern West Virginia: Setting Priorities in Difficult Times. (CVI authors J Newland and K Mielcarek)

Canaan Valley Institute. 2002. Highlands Action Program: Transforming the Legacy. (CVI authors J Newland and E Voss)