

Curriculum Vitae
Daniel J. Hocking

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EDUCATION

- 2012 Ph.D. Natural Resources and Environmental Science, University of New Hampshire, Durham, NH
- 2007 M.A. Biological Sciences, University of Missouri, Columbia, MO
- 2003 B.S. Environmental Conservation, minor in Chemical Engineering, University of New Hampshire, Durham, NH

PROFESSIONAL EXPERIENCE

- 2016 – Present Assistant Professor, Department of Biology, Frostburg State University
- 2014 – Present USGS Mendenhall Postdoctoral Fellow, Leetown Science Center
- 2014 – Present Postdoctoral Fellow, DOI Northeast Climate Science Center
- 2012 – 2013 Postdoctoral Research Associate, University of New Hampshire

PUBLICATIONS (SELECTION FROM 21 TOTAL)

- Stephens, R.B., **D.J. Hocking**, M. Yamasaki, and R.J. Rowe. *In Press*. Synchrony in small mammal community dynamics across a forested landscape. *Ecography*.
- Peterman, W.E., J.A. Crawford, and **D.J. Hocking**. 2016. Effects of elevation on plethodontid salamander body size. *Copeia*. 104(1):202-208
- Milanovich, J.R., **D.J. Hocking**, W.E. Peterman, and J.A. Crawford. 2015. Effective use of trails for assessing terrestrial salamander abundance and detection: A case study at Great Smoky Mountains National Park. *Natural Areas Journal*. 35(4):590-598.
- Hocking, D. J.** and K. J. Babbitt. 2014. Amphibian Contributions to Ecosystem Services. *Herpetological Conservation and Biology*. 9(1): 1-17.
- Hocking, D. J.** and K. J. Babbitt. 2014. The role of red-backed salamanders on ecosystem functions. *PLoS ONE* 9(1): e86854.
- Hocking, D. J.**, S. A. Callaghan, K. J. Babbitt, and M. Yamasaki. 2013. Comparison of silvicultural and natural disturbance effects on terrestrial salamanders in northern hardwood forests. *Biological Conservation*. 167:194-202.
- Hocking, D. J.**, G. M. Connette, C. A. Conner, B. R. Scheffers, S. E. Pittman, W. E. Peterman, R. D. Semlitsch. 2013. Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. *Forest Ecology and Management*. 287: 32-39

GRANTS AND AWARDS (SELECTION OF RECENTLY AWARDED)

- 2014 USGS Mendenhall Research Fellowship. *Hierarchical modeling of climate change effects: Land use impacts on brook trout population persistence*. \$210,000
- 2012 National Geographic Society. Waitt Grant. *Climate change effects on elevational distributions of salamanders in Great Smoky Mountains National Park*. J. A. Crawford, D. J. Hocking, J. Milanovich, W. E. Peterman. \$14,932
- 2011 NH Agricultural Experiment Station. McIntire-Stennis. *The role of red-backed salamanders (Plethodon cinereus) in forest-floor ecosystem functions*. K. J. Babbitt, D. J. Hocking. \$42,000