Postdoctoral Associate, Nature Conservation and Water Quality Gund Institute, The University of Vermont

Position: The Gund Institute for Ecological Economics seeks a postdoctoral associate to develop rigorous and practical models relating nature conservation to water quality issues in Vermont. The 2-year position is part of a partnership between the Gund Institute and The Nature Conservancy (TNC). Together we are working to understand how conservation and restoration of forests and wetlands can reduce nutrient pollution and improve water quality in Lake Champlain. The postdoc will be directed by Taylor Ricketts at The University of Vermont (UVM).

Responsibilities: The postdoc will: (i) develop or refine models to link land use with nutrient loading and retention in the watershed, (ii) simulate different nature-based solutions to estimate their likely biodiversity impact, water quality impact, and costs, (iii) optimize conservation investments to inform TNC’s blueprint for natural infrastructure in Vermont. In all of this work, s/he will interact closely with several faculty members at UVM, with TNC staff, and with scientists at the Natural Capital Project.

Qualifications: Applicants must have a doctoral degree in hydrology, ecology, economics, or related fields. Successful candidates will have strong quantitative skills, specific expertise in hydrological modeling, and a commitment to connecting research to conservation issues.

Application: Applicants should send a letter of interest, curriculum vitae, and contact information for three references to Taylor Ricketts, Director, Gund Institute for Ecological Economics, at taylor.ricketts@uvm.edu. Review of applications will begin on April 22, 2016 and we anticipate a start date of September 2016.

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Taylor Ricketts
Gund Professor, Rubenstein School of Environment & Natural Resources Director, Gund Institute for Ecological Economics <http://www.uvm.edu/giee/> University of Vermont
617 Main Street
Burlington, VT 05405
Ph: (802) 656-7796
Fax: (802) 656-2995
Skype: taylor_ricketts
Lab webpage <http://www.uvm.edu/rsenr/taylorricketts/>