

From: Matt Van Grinsven
Subject: Post-Doctoral Researcher in Ecohydrology at Michigan Technological University

Michigan Technological University is seeking applications for a post-doctoral researcher in broad areas of ecophysiology, biogeochemistry, and watershed hydrology and the position is located at School of Forest Resources and Environmental Science. The position is available immediately and open until filled.

We seek both field- and modeling-oriented postdoctoral researcher in greenhouse gas biogeochemistry and ecophysiology interested in studying how forest disturbance affect greenhouse gas emissions and ecophysiological processes. The position is for one year, with subsequent yearly appointment(s) subject to successful review and anticipated funding.

The research will focus on synthesizing, modeling, and publishing several years of field measurements related to the impacts of emerald ash borer (EAB) on black ash wetland systems. Focus areas include hydrology, carbon and nitrogen fluxes, and vegetation responses of small watersheds under simulated EAB infestations. Some field work in the western Upper Peninsula of Michigan will be required, and additional travel to field sites and to meet with collaborators in northern Wisconsin and Minnesota is anticipated.

Preferred qualifications: a PhD in forest hydrology, ecology, ecosystem science, biogeochemistry, soil science, or a closely related field; the ability to synthesize and model complex field studies for peer-reviewed and management-focused publications and presentations; and database management and statistical analysis of environmental data. Desirable ability: GIS and remote sensing; coding with R; expertise in ecological and ecophysiological modeling; excellent written and oral communication skills and experience in publishing at professional journals.

The expected compensation includes annual salary of approximately \$47,500 and benefits described here:

https://urldefense.proofpoint.com/v2/url?u=https-3A__www.mtu.edu_hr_current_benefits_docs_2014-2Dpost-2Ddoc-2Dbib.pdf&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxbhcsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLol&m=YDHNJ_b_5HtyuzL0ql_SVQ2TZG1l_OuzNYMjPRBN_fs&s=inwx7gkNzl2zczgWDPBITxUf4s71CqKzymxhkf5So&e=

Applicants should submit a 2 page cover letter, CV, transcripts, up to three examples of published work, and the names and email addresses of three references. The cover letter should address the candidate's research interests and experiences and a vision for how the results can be communicated to and applied with the greatest impact to land management. These materials should be submitted as a single pdf to Fengjing Liu at flu7@mtu.edu or Randall (Randy) Kolka at rkolka@fs.fed.us. Review of applications will begin on January 3, 2018 and continue until the position is filled.

Michigan Tech is located in Houghton, MI in the heart of Michigan's Upper Peninsula. Houghton is situated on the hills bordering the beautiful Portage Waterway and is only minutes from the Lake Superior shoreline. The area offers a bounty of cultural and recreational opportunities and a low cost of living. Houghton was rated as the 15th Greatest Place to Live in America by Outside Magazine in 2014. This environment combined with a great research opportunity results in an excellent quality of life.

Michigan Tech is an ADVANCE institution, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM.

Michigan Technological University is an equal opportunity educational institution/equal opportunity employer, which includes providing equal opportunity for protected veterans and individuals with disability. Applications from women and minorities are highly encouraged by both the school and the university.