

From: Kelly Robinson
Subject: Postdoc position: Barrier removal decision support

Position: Post-Doctoral Research Associate

Agency: Quantitative Fisheries Center, Michigan State University

Description: The Quantitative Fisheries Center at Michigan State University seeks a postdoctoral research associate (postdoc) to evaluate decision support tools for prioritizing riverine barrier removals to restore connectivity for native Great Lakes migratory fish in northwest Michigan. The postdoc will use 1) decision analytic and quantitative methods to evaluate existing empirical data and decision support tools for barrier removal, and 2) collaborate with local partners (federal, state, tribal and nonprofit organizations) to design and implement field-based assessments to verify predictions of the decision tools. The postdoc will also work with the Great Lakes Aquatic Habitat Connectivity Collaborative (GLAHCC) and the Tribal Stream and Michigan Fruitbelt Collaborative to evaluate results and create outreach and training tools. The ultimate goal of this project is to evaluate the efficacy of existing decision support tools (e.g., Fishwerks, Fishvis, Fish Habitat Decision Support Tool) to make recommendations for barrier removal prioritization. The ideal candidate will have strong written and verbal communication skills along with a quantitative background, GIS experience, and an interest in structured decision making. In addition to the project description above, we expect that the postdoc will have the flexibility to work with the GLAHCC to pursue other research topics within their objectives related to barrier removal and aquatic connectivity in the Great Lakes. Travel for this project may be required, both for meetings and workshops, as well as for field work and planning.

Qualifications: PhD in fisheries science, ecology, wildlife management, or other related disciplines with training or experience in quantitative methods

Salary: \$47,500 per year plus benefits. Appointment is for 2 years.

Closing date: Until filled

Contact: All applicants must apply via www.jobs.msu.edu search posting #4227. Please submit your CV (with contact information for 3 references), letter of interest, and transcripts (unofficial). Questions about the posting can be directed to Dr. Kelly Robinson (kfrobins@msu.edu) at the Quantitative Fisheries Center.

Kelly Robinson

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