



Position Announcement

Position Title:

Postdoctoral Research Associate, Decision Analysis for Climate Resilience in the Au Sable River, Michigan

Agency/location:

Quantitative Fisheries Center, Department of Fisheries and Wildlife, Michigan State University

Description:

We seek a research associate to lead a decision analytic process (i.e., structured decision making) for climate resilience planning in the Au Sable River, Michigan, with a focus on fish habitat and the fish community in the system. The Au Sable, a blue-ribbon trout stream, is an iconic cold-water system that is home to Trout Unlimited and supports excellent brown and brook trout fishing. The associate will work closely with QFC staff, an M.S. student on the project, agency managers and biologists, and local stakeholders to frame the decision problem, develop and / or modify predictive models, collect relevant data, and help run SDM workshops. Experience modeling fish and / or aquatic habitat factors from landscape-scale information is preferred, as is an appreciation for the value of decision analysis and familiarity with analysis / simulation modeling of fisheries and ecological data. Some understanding of effects of changing climate on fish and aquatic habitat is desired. Interest in or experience with engaging agency personnel and stakeholders at the interface of technical analysis and resource management is also desired. The postdoc will work directly with Drs. Kelly Robinson and Dana Infante in the Department of Fisheries and Wildlife / QFC. The Quantitative Fisheries Center has a strong reputation for developing relationships with relevant stakeholders for the research and the management of fisheries resources. This position is an excellent opportunity to gain experience highly relevant to professional positions in riverine fisheries modeling and decision analysis, as well as engagement with relevant management agencies and NGOs. Please see the QFC website (www.canr.msu.edu/qfc/) for more information about us, and a recent story about the project (<https://tinyurl.com/2rb8zfyv>) to learn more about project goals and concerns.

Qualifications:

PhD in fisheries science or related discipline with a strong record of research productivity in quantitative methods within the last 5 years. Applicants must be able to work independently and in collaboration with other researchers; publish findings in peer-reviewed journals; and write proposals and reports.

Salary:

\$56,650 per year plus benefits. Initial appointment is for 1 year with extension for another year, depending on performance during first year.

Closing date:

Until filled

Contact:

All applicants must apply via careers.msu.edu, search posting #720012. Please submit your CV, letter of interest, and transcripts (unofficial). Questions about the posting can be directed to Dr. Kelly Robinson (kfrobins@msu.edu) or Dr. Dana Infante (infanted@msu.edu). Review of applications will begin 8/1 and continue until filled, with the associate hopefully beginning in August–September 2021. Postdoc may be able to begin the position remotely if necessary, because of the current pandemic. Please see <https://msu.edu/together-we-will/> for the most up to date information about MSU policies.