



Post-doctoral research associate: Aquatic Ecology and Conservation

Location: Department of Fisheries and Wildlife, Michigan State University, East Lansing, Michigan.

We are seeking a highly motivated post-doctoral research associate to contribute to efforts that will characterize limits to and conservation opportunities for fluvial fishes and their habitats throughout the United States. The research associate will have two sets of responsibilities:

1. **Contribute to on-going efforts to model distributions of fluvial fishes throughout their native ranges.** The research associate will support development of species distribution models using established analytical procedures, and they will be expected to integrate results into products that can aid in efforts to conserve fishes from both current and future threats. The research associate will work closely with colleagues from the US Geological Survey to ensure that outcomes from this work, including data, analytical procedures, and modeling results, can be used by a diverse group of stakeholders nationally.
2. **Develop approaches to characterize the degree to which stream habitats may be modified by current and future landscape-scale influences over large spatial extents.** In support of this task, the research associate will conduct a review of publically-available stream habitat data and a literature review of habitat assessment methodologies. Based on types of data available, the research associate will work collaboratively with a national group of stakeholders to develop approaches that identify the degree to which habitats vary with current and future influences.

Qualifications: Ph.D. in aquatic or fisheries ecology and/or related field within 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. This is a one-year position renewed annually with extension contingent on funding and performance.

Applicants must have a demonstrable understanding of landscape influences on aquatic habitats and organisms and knowledge of ways in which such influences can vary. Experience with multivariate statistical analysis and/or modeling and with Geographic Information Systems are required. The job will involve travel and coordination among various stakeholders. The successful applicant will be supervised by Dr. Dana Infante.

Salary: \$47,500 per year plus benefits

Application Process: Submit a cover letter, statement of research interests and career goals, CV, relevant publications, and contact information for three references to <http://careers.msu.edu/cw/en-us/listing/>, Posting number 538063. Contact Dr. Dana Infante (infanted@msu.edu) with questions.

Closing Date: Review of applicants will begin immediately, and the position will remain open until filled.