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Assistant Research Scientist in Biophysical Modeling
Cooperative Institute for Great Lakes Research
University of Michigan, Ann Arbor

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The Cooperative Institute for Great Lakes Research (CIGLR) seeks applications for a full-time Assistant Research Scientist with expertise in biophysical modeling. We seek the best scholar who is developing predictive models that link biological to physical processes in aquatic ecosystems. Areas of particular interest include modeling of aquatic food-webs, invasive species, or harmful algal blooms where the goal is to predict how these respond to changes in lake thermal or hydrologic regimes, storm frequencies, or water chemistry.

The successful candidate will be appointed in the University of Michigan's School for Environment and Sustainability, and will join a team of five CIGLR Research Scientists and 37 research support staff who are housed at NOAA's Great Lakes Environmental Research Lab (GLERL) in Ann Arbor. CIGLR Research Scientists work with government PIs from NOAA on projects that contribute to sustainable management of the Great Lakes. This position will focus on development of models that support operational forecasts served by NOAA that benefit stakeholder and public uses of the Great Lakes.

In addition to interactions with NOAA-GLERL, CIGLR Research Scientists are part of the faculty body of SEAS, where they have access to additional research facilities and resources such as the large M.S. and Ph.D. graduate programs.

The University of Michigan is consistently ranked among the top American public research universities, and Ann Arbor is routinely ranked as one of the best places to live in the U.S. due to its affordability, natural beauty, preservation of wooded areas, vibrant arts program, and lively downtown. This position represents a great opportunity for those focused on aquatic research and management to join a premiere academic institution.

Qualifications. The position requires Ph.D. in a relevant field of biological or physical sciences, evidence of solid modeling skills, a strong record of scholarly publication, and activities demonstrating a trajectory towards national recognition as an expert in the field. Importantly, we seek candidates who have a demonstrated history of working on multi-disciplinary teams to solve real-world problems in the sustainability of aquatic ecosystems. Therefore, candidates must show evidence of collaboration across disciplinary boundaries to develop implementable solutions to sustainability challenges.

Compensation. The position offers a highly competitive salary and full benefits at the University of Michigan. The position comes with a guarantee of full-funding for the initial appointment of three years. After three years, CIGLR Research Scientists are expected to support 90% of their salaries from grants. CIGLR Research Scientists routinely receive grant support from collaborative projects with NOAA GLERL, successfully securing their salaries by leading both non-competitive and competitive grants after the initial three year period.

To apply. Applicants should collate the following items into a single PDF: (1) a cover letter, (2) a curriculum vitae, (3) a research statement, (4) contact information for three references, and (5) two representative publications. The PDF application should be emailed by January 15, 2018 to

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The University of Michigan is a Non-Discriminatory/ Affirmative Action Employer.
Individuals from underrepresented groups are especially encouraged to apply.

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