

ORNL Publications

External Publication

Job Posting Title

Postdoctoral Research Associate - Aquatic Ecology / NB50605545

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Purpose

The Environmental Sciences Division (ESD), <http://www.esd.ornl.gov> at Oak Ridge National Laboratory (ORNL), <http://www.ornl.gov> is seeking a postdoctoral research associate with broad training in stream ecology, particularly with strong emphasis on aquatic invertebrate community ecology. The ESD's Aquatic Ecology Group has a long history (30+ years) of biological monitoring and stream invertebrate research on the Department of Energy's Oak Ridge Reservation (ORR) in Tennessee, and those studies are providing long-term, data-rich spatial and temporal trending information that can provide insights on ecological recovery and environmental change. The ORR provides a unique research testbed for evaluation of stream ecosystem responses to contaminant remediation and abatement, but is also a National Environmental Research Park valued for its natural resources. The ORR is located within the Ridge and Valley Ecosystem, but also proximate to the Central and Southwestern Appalachian Ecosystems, all of which support among the world's most diverse flora and fauna.

Major Duties/Responsibilities

We seek a candidate with experience working with aquatic invertebrate communities, but also broad experience in stream ecosystem behavior, such as measurement of ecosystem-level processes (e.g., nutrient dynamics, biogeochemical cycling). Additionally, candidates with experience working within long-term biological monitoring programs, such as the Long Term Ecological Research Network (LTER) or National Ecological Observatory Networks (NEON) are encouraged to apply. The position requires routine collection and statistical analysis of invertebrate community data, but expanding the scope and ecosystem scale of the research program is encouraged. Successful candidates are expected to conduct national and internationally recognized research, assist in obtaining additional research funding, publish in scientific journals and technical reports, and present findings at scientific meetings.

Qualifications Required

Qualifications include a Ph.D. in ecology, environmental sciences, zoology, fisheries, or related areas. Preference will be given to candidates with evidence of strong research productivity, and abilities to support funded research activities. Additional preference will be given to candidates with training in both invertebrate communities and ecosystem-level analysis.

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment. This position is a temporary, full-time assignment for 12 months and up to 24 months, contingent on successful performance and continued funding.

Remarks

Candidates may contact Dr. Ryan McManamay at mcmamayra@ornl.gov with questions.

This position will remain open for a minimum of 5 days after which it will close when a qualified candidate is identified and/or hired.

We accept Word(.doc, .docx), Excel(.xls, .xlsx), PowerPoint(.ppt, .pptx), Adobe(.pdf), Rich Text Format(.rtf), HTML(.htm, .html) and text files(.txt) up to 2MB in size. Resumes from third party vendors will not be accepted; these resumes will be deleted and the candidates submitted will not be considered for employment.

If you have trouble applying for a position, please email ORNLRecruiting@ornl.gov.

Notice: If the position requires a Security Clearance, reviews and tests for the absence of any illegal drug as defined in 10 CFR 707.4 will be conducted by the employer and a background investigation by the Federal government may be required to obtain an access authorization prior to employment and subsequent reinvestigations may be required.

If the position is covered by the Counterintelligence Evaluation Program regulations at 10 CFR 709, a counterintelligence evaluation may include a counterintelligence-scope polygraph examination.

ORNL is an equal opportunity employer. All qualified applicants, including individuals with disabilities and protected veterans, are encouraged to apply. UT-Battelle is an E-Verify Employer.