

**POSTDOCTORAL RESEARCH PROGRAM  
U. S. ENVIRONMENTAL PROTECTION AGENCY  
NATIONAL RISK MANAGEMENT RESEARCH LABORATORY  
SUSTAINABLE TECHNOLOGY DIVISION  
Cincinnati, Ohio**

***Project # NRMRL/STD-2004-01***  
**Ecological Aspects of Sustainable Watershed Management**

The Environmental Protection Agency (EPA), National Risk Management Research Laboratory (NRMRL) in Cincinnati, Ohio, is currently seeking to place a postdoctoral researcher in the Sustainable Technology Division (STD). The project is available through the Postdoctoral Research Program at NRMRL.

NRMRL has established a multidisciplinary research group of researchers (economists, ecologists, hydrologist, physicists, and engineers) to work on the development of both theoretical and practical approaches to comprehensive sustainable environmental systems management. Sustainable watershed management necessarily involves the consideration of ecological, economic, engineering and social dynamics. This research should lead to the development of concepts, methods, and software tools that can be used by the public and EPA in considering sustainable strategies for managing runoff processes under varying levels and configurations of urbanization. STD has a strong research effort in this area providing the prospective candidate with a stimulating environment.

*For this project, a strong background in techniques in aquatic ecology (especially aquatic invertebrates and flora), watershed-scale management, and experience with biodiversity and conservation issues is important. Some training in other disciplines (such as environmental economics or policy) is desirable. Good written and oral communications are necessary, and a consistent publication record is a plus. Applicants should have received a doctoral degree in ecology, zoology, biology, environmental science, or in a closely related natural resources area within three years of the desired starting date, or completion of all requirements for the degree should be expected prior to the starting date. U.S. citizenship or permanent resident alien status is preferred. The program is open to all qualified individuals without regard to race, sex, religion, color, age, physical or mental disability, national origin, or status as a Vietnam era or disabled veteran.*

The participants will be selected based on academic records, recommendations, research interests, compatibility of background and interests with research programs and projects at NRMRL/STD, and the availability of funds, staff, programs, and equipment.

The appointment is full-time for one year and may be renewed for up to two additional years upon recommendation of NRMRL and subject to availability of funds. The participant will receive an annual stipend of \$54,000. Limited inbound travel and moving expenses may be reimbursed according to established policies. Also, limited funds will be provided for professional travel/training during the appointment. The participant must show proof of health and medical insurance.

For technical questions about the project, contact: Dr. Audrey Mayer, National Risk Management Research Laboratory, U.S. Environmental Protection Agency, 26 W. Martin Luther King Drive, Cincinnati, Ohio 45268, e-mail: [mayer.audrey@epa.gov](mailto:mayer.audrey@epa.gov).

The Postdoctoral Research Program for NRMRL is administered by the Oak Ridge Institute for Science and Education. ***Please reference Project # NRMRL/STD-2004-01 when calling or writing for information.*** For additional information and application materials contact: Postdoctoral Research Program/NRMRL, Attn: Betty Bowling, Science and Engineering Education - MS 36, Oak Ridge Institute for Science and Education, P.O. Box 117, Oak Ridge, Tennessee 37831-0117, Phone: (865) 576-8503 FAX: (865) 241-5219, e-mail: [bowlingb@ornl.gov](mailto:bowlingb@ornl.gov).