



Title - Red River Watershed Management Institute (RRWMI) Director

The Red River Watershed Management Institute is a unique multidisciplinary educational and research endeavor with a 585-acre wetland (Red River Education and Research Park, RRERP), Anderson Watershed Research Station, state-of-the-art water monitoring technology, GIS laboratory, and environmental assessment and monitoring laboratory.

The Institute was established to: conduct research on Red River and its watershed, establish public education and outreach programs, related to the wetlands in this watershed recommend and facilitate management alternatives for the watershed. The Institute has been integral in bringing together University, State, Parish, City, and Industry to investigate water issues in the Red River Watershed region. The Institute has been monitoring groundwater and surface water in the region. Data from the RRWMI has helped state water planners in assessing aquifer monitoring approaches and assisting local and parish officials in long-term planning of water resources. The RRWMI has also been involved in monitoring and investigating ecological impacts and control measures related to invasive aquatic plants.

Current projects/research include: the LSUS RRWMI and Caddo Parish Carrizo-Wilcox Aquifer Groundwater Monitoring Well Project, Louisiana Department of Natural Resources Office of Conservation South Caddo Groundwater Emergency Order and the Red River Alluvial Aquifer (RRAA) monitoring project (Red River Education and Research Park); the development of the Red River Education and Research Park in cooperation with the City of Shreveport and the study and educational efforts of the University in the Red River Watershed.

<http://www.lsus.edu/offices-and-services/community-outreach/red-river-watershed-management-institute>

Responsibilities:

The duties of the Director will be to manage the daily operations of the Institute. The Director is responsible for the funding of the Institute and its projects, generally through grants, for the development of a long-range plan for the institute, and for preparing an annual budget for the operations and capital improvements of the Institute. They will maintain communications with an Advisory Council. The Director will develop and maintain working relationships with local government agencies and local and regional conservation offices. They will contribute to the technical aspects of the institute.

The Director will contribute to the development of the Department of Biological Sciences undergraduate Environmental Science concentration curriculum. The opportunities for faculty and student participation in the Institutes research projects, especially in the area of water quality

will be coordinated by the Director. The Director will help design the curriculum, teach, and recruit instructors for new environmental science courses for the University, which deal with water quality including Basic Hydrology and Water Resources, Hydrogeology, Geomorphology, and Paleoenvironmental Analysis.

Required Qualifications: Candidates must have a Ph.D. in a natural resource management field, such as ecosystems, geology, geomorphology, environmental engineering, forestry, or other related discipline.

Preferred Qualifications: A proven record of writing and receiving externally funded grants preferably at a regional or national level, a sustained record of peer review publications, experience in GIS, ability and desire to work with undergraduate student research projects, and experience working with government agencies at the local, state, or national levels.

Salary: Commensurate with experience.

How to apply: Please upload a cover letter, curriculum vitae including four references and a current publication to: rrwmi@lsus.edu. Please upload materials in Word or a PDF format.

Deadline: March 31, 2019 or until filled.

LSUS does not discriminate based on race, creed, color, marital status, sexual orientation, gender identity, gender expression, religion, sex, national origin, age, mental or physical disability, or veteran's status in its programs and activities and provides equal access to its programs and activities.