

A graduate research assistantship position at Master's level is available starting Fall 2009 in the School of Renewable Natural Resources (<http://www.rnr.lsu.edu/>) at Louisiana State University (LSU). The position is supported through a new assistantship program called the Coastal Science Assistantship Program (<http://www.lsu.edu/departments/laseagrant/opps/assistantship.htm>) by the Louisiana Department of Natural Resources (LDNR) Office of Coastal Restoration and Management (OCRM) Coastal Restoration Division (CRD). The position includes a tuition waiver and health benefits, and a competitive stipend (\$25,000/year) for up to 3 years.

The graduate student will conduct a research on sediment transport in the Atchafalaya River. The research will address three critical questions: 1) What are the long-term annual and interannual variations of sediment inflow and outflow of the Atchafalaya River? 2) How have the hydrologic and hydraulic conditions affected the sediment delivery to the Atchafalaya Bay? And 3) which factors may have contributed to the sediment stabilization in the Atchafalaya Bay by natural vegetating processes? Results gained from the study will be useful for coastal resources policy makers to develop effective management plans and strategies for regional sediment resources. The student graduated from this program is expected to become a well trained professional in coastal restoration science.

In addition to the research and academic programs, the graduate student will be required to complete 240 hours of internship with LDNR-CRD at mutually convenient times during his/her pursuit of a master's degree. To expose the student to the Department's various functions and activities, internships will involve work either at the LDNR headquarters in Baton Rouge or at one of the CRD field offices in New Orleans, Lafayette, and Thibodeaux.

Applicants should have a BS in hydrology, water resources, soil science, or a related field. To be competitive applicants must have an undergraduate GPA of 3.0 overall and 3.25 for last two years, and a GRE score of 1,200 (verbal/quantitative each above 500). Experience in modeling and GIS/Remote Sensing are desirable. If interested, email your curriculum vitae, college transcripts, GRE scores, and the names and contact information of three referees to:

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Louisiana State University is one of only 13 American universities designated as a land-grant, sea-grant and space-grant research center. The University is home to over 34,000 faculty, staff, and students from every state of America and more than 120 foreign countries.