

**DEPARTMENT OF AGRICULTURAL AND BIOLOGICAL ENGINEERING,
MISSISSIPPI STATE UNIVERSITY**

MS (2) and PhD (2) Assistantships – Watershed Modeling/Crop Modeling

The Department of Agricultural and Biological Engineering at Mississippi State University is seeking MS and PhD students. The MS and PhD research will involve water quality monitoring, modeling and crop modeling. Students will develop and apply GIS based hydrologic and water quality models to investigate the effects of landuse change, watershed management, and climate change on water quality.

The research team members have unique expertise in the fields of hydrologic and water quality monitoring/ modeling, watershed analysis, evaluation of best management practices, application of GIS, crop modeling, and watershed modeling. The research program offers interdisciplinary research opportunities on hydrologic, and water quality modeling of watershed processes associated with spatially and temporally distributed agricultural management practices at field, watershed and regional scales. The selected graduate research assistants will be offered an assistantship with tuition remission.

The candidates should have degree/s in agricultural and biological engineering, civil engineering, environmental science, hydrology, or water resources. Previous experience in GIS and watershed monitoring/modeling are desirable but not required. Interested qualified applicants are encouraged to send their resume, copies of transcripts, GRE, TOEFL (for international candidates only), and three current references with an application letter to Dr. Prem B. Parajuli or Dr. Joel O. Paz at the address below. These positions will remain open until the suitable candidates are found.

Dr. Prem B. Parajuli
pparajuli@abe.msstate.edu

Dr. Joel O. Paz
jpaz@abe.msstate.edu

Department of Agricultural and Biological Engineering
130 Creelman St. Box no 9632
Mississippi State University
Starkville, MS 39762