



## **Ph.D. Graduate Research Assistantship in Remote Sensing for Natural Resource Management**

### **Job Description:**

One graduate research assistantship for the Ph.D. in Remote Sensing for Natural Resource Management is available in the Department of Forestry at Mississippi State University. The assistantship will include a stipend, 100% tuition waiver, and reimbursement for the health insurance cost. The successful candidate will have the opportunity to work with NASA, USDA, and USGA projects through models with remote sensing observations from multiple platforms, including Landsat, VIIRS, ECOSTRESS and Planet. The expected start date is Spring 2023.

### **Qualifications:**

Candidates with research experience in remote sensing, machine learning, cloud computing and ecohydrological model, are highly desired. Ideal candidates would be with a M.S. or bachelor's degrees (with strong research background) in Geography, Environmental Science, natural resources, Remote Sensing, or other related disciplines.

Familiarity with the Google Earth Engine programming environment and Matlab/R/Python for data analysis.

English Requirement: Minimum scores are TOFEL: 79; IELTS: 6.5.

### **To Apply:**

If you are interested in these opportunities, please send your updated CV including your publications and English scores and contact information of three references to Dr. Yun Yang at [yy285@msstate.edu](mailto:yy285@msstate.edu).

Review of the applications will begin immediately and will continue until the position is filled. A full application to the Graduate School will be required for an official offer to be made. Additional information can be found at the MSU Department of Forestry website (<https://www.cfr.msstate.edu/forestry/graduate.asp>) and the MSU Office of Graduate School (<http://www.grad.msstate.edu/>).

### **About the MSU Graduate Forestry Program:**

Mississippi State University is ranked as one of the top research institutions in the United States; MSU is among only 2.7% of universities in the U.S. that hold the Carnegie Foundation R1-Very High Research Activity designation. The National Science Foundation has MSU ranked No. 12 nationally (top 5%) in Agriculture and Natural Resource Conservation expenditures with more than \$109 million spend annually.

MSU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, ethnicity, sex, religion, national origin, disability, age, sexual orientation, genetic information, pregnancy, gender identity, status as a U.S. veteran, and/or any other status protected by applicable law. We always welcome nominations and applications from women, members of any minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.

In compliance with the ADA Amendments Act (ADAAA), if you have a disability and would like to request an accommodation in order to apply for a position with Mississippi State University, please contact the Department of Human Resources Management at telephone: (662) 325-3713 or [ada@hrm.msstate.edu](mailto:ada@hrm.msstate.edu). If you have any questions regarding this policy, contact the Department of Human Resources Management at (662) 325-3713 or [ada@hrm.msstate.edu](mailto:ada@hrm.msstate.edu). Upon request, sections of this job listing are available in large print, and readers are available to assist the visually impaired