

Student Assistantship in Agroclimatology with Auburn University

The Agroclimatology Group in the Department of Crop, Soil, and Environmental Sciences and the Climate, Human and Earth System Sciences (CHESS) Cluster at Auburn University is seeking for several highly-motivated graduate students (PhD or Master). The successful candidate will have the opportunity to design and conduct agroclimatology research in one or more of the following areas: 1) use of climate forecasts to improve crop, water, and nutrient management; 2) assessing impacts of climate change and variability on agricultural systems, water systems, and food security; 3) improving crop and/or hydrologic forecasting and modeling using climate and remote sensing information. The new student will be expected to conduct research, assist teaching, present research findings in national or international conferences, and publish in peer-reviewed scientific journals. A competitive stipend and tuition waiver will be provided to qualified candidates.

Qualifications

1. Bachelor's (for applying to Master program) or Master's (for applying to PhD program) degree in a science or engineering discipline related to climate, such as agronomy or agricultural engineering, environmental science or engineering, climatology, meteorology, hydrology, or a closely related field.
2. A strong commitment to developing a successful career in either academia or industry and strong interests in agroclimatology and modeling.
3. Strong communication skills (both verbal and written).
4. Computing expertise (e.g., R, Matlab, Python) and experience with climate data analysis, crop modeling, and/or hydrologic modeling are preferred but not required.

Application Instructions

Please apply for admission to the Department of Crop, Soil, and Environmental Sciences through the graduate school of Auburn University (<http://graduate.auburn.edu/prospective.html>). Application materials include CV, personal statement, official transcripts, three letters of recommendation, and official GRE score. TOEFL/IELTS score is required for international applicants. Prospective students are also encouraged to contact Dr. Di Tian (tiandi@auburn.edu) via email using the subject "Prospective Agroclimatology Student" to discuss their interests. The expected starting time is the beginning of Summer or Fall semester in 2017.

Contact Information

Dr. Di Tian, Department of Crop, Soil and Environmental Sciences, 201 Funchess Hall, Auburn University, AL 36849, USA; Telephone. (334) 844-3819; Email: tiandi@auburn.edu. Webpage: <http://cses.auburn.edu/di-tian/>

University Information

Auburn University is one of the two flagship universities in the state of Alabama and is among the top public research universities in the nation with demonstrated excellence in research and teaching. The campus is located in the city of Auburn, which is a beautiful university town ranked by U.S. News & World Report among the top ten list of the best places to live in the United States for the year 2009.