Ph.D. Assistantship in Precision Agriculture

Position description:

The Crop Ecophysiology and Precision Agriculture Lab at Texas Tech University (TTU) is seeking applications for a Ph.D. Research Assistant position for pursuing Ph.D. studies with a research focus on remote sensing and data analytics for precision agriculture and high-throughput plant phenotyping. We conduct exciting research in remote sensing and data analytics to investigate the factors contributing to the sustainability of agricultural systems, including spatial and temporal variability of plant growth and soil properties, crop stresses, crop disease, and crop productivity. The Research Assistant is expected to produce project reports, present research findings in conferences, and publish research findings in peer-reviewed journals.

Requirements:

Master's degree (or expected graduation with MS in next 12 months) in agronomy, crop science, soil science, crop physiology, agricultural engineering, or environmental science.

- Knowledge and proficiency in the areas of remote sensing and digital image processing;
- Demonstrated scientific writing proficiency;
- Ability to work independently as well as collaboratively in an interdisciplinary team across institutes; very good communication and organizational skills.
- Excellent command of the English language
- Motivated and driven; Willingness to perform field work.

Application:

To apply, please submit a complete CV, research statement, personal statement, unofficial university degree records (both Bachelor's and Master's degree), as well as three reference letters. The position is open until a suitable candidate is identified.

Contact:

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