



Institute of Food and Agricultural Sciences
Agricultural and Biological Engineering Department

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Graduate Research Assistantship (M.S. Level)
Agricultural and Biological Engineering Department
University of Florida

Position Description:

Applications are solicited for a Graduate Research Assistant (GRA) position (MS level) in the Agricultural and Biological Engineering Department at University of Florida under the supervision of Dr. Vivek Sharma. The candidate should be interested in working in the field of precision water management. Potential research focus includes but not limited to irrigation management, variable rate irrigation and nutrient technologies, water quality, groundwater leaching, and crop and hydrological modeling. The successful candidate should be self-motivated, creative, and has a desire to collaborate in a multidisciplinary environment. The candidate will be expected to publish in peer-reviewed journals and conference publications. The GRA will cover stipends, tuition, and fee. Review of applications will begin immediately until the position is filled.

Minimum qualifications:

- Bachelor's degree in Agricultural and Biological Engineering, Soil and Water Science, Agronomy, or any other related field with a GPA of 3.0 or higher.
- English writing and communication skills.
- Non-English credentials must obtain a TOEFL score of 79 iBT or IELTS score of 6.5 or higher (GRE may be waived).

Preferred qualifications:

- Knowledge and experience in soil water conservation technologies.
- Experience and willingness to work in various field conditions.
- Programming skills (Python, R, etc.).
- Record of previous scientific communications (journal articles or/and conference publications).

How to Apply:

Interested applicants are encouraged to contact Dr. Vivek Sharma (vsharmal@ufl.edu) directly with a copy of your CV and research statement. In addition, students should apply to the University of Florida Agricultural and Biological Engineering Department. More information can be found at <https://abe.ufl.edu/graduate/admissions/>.

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