

MS and/or PhD Position in Agroecosystems Modeling

The Agroecosystems Modeling Lab at Purdue University is recruiting MS and/or Ph.D. students to start in Fall 2023 / Spring 2024. The successful candidate will join the newly established team, led by Dr. Pratishtha Poudel to conduct research related to agroecosystem models development and application, data science in agriculture, and agricultural statistics.

The over-arching goal of our lab is to understand crop response to genotypes, environment, and management using dynamic cropping systems models, data science, and statistical tools. We work with different types of data ranging from manual observations to high-throughput phenotyping in both field and controlled environment conditions.

Qualifications: Applicants should have an interest and basic knowledge of crop modeling, data science, statistics, and programming. An undergraduate degree (for the MS position) or an MS degree (for the PhD position) is required.

Stipends and Benefits: The selected applicant(s) will be appointed as a Graduate Research Assistant with a stipend commensurate with experience plus health benefits and tuition remission. Students will have career development opportunities such as participation in model development workshops and trainings, and presentations at conferences.

How to Apply: Interested candidates should fill out the following survey:
https://purdue.ca1.qualtrics.com/jfe/form/SV_ekRMLYkLbgAXHRs

The survey is for initial screening and short-listed candidates will be contacted for a zoom interview.

