

MS and PhD Positions in Agroecology

Overview: The *Purdue Agroecology Lab (PAL)* is seeking a MS and a PhD student to start in Summer/Fall 2023. The successful applicants will join the newly established team, led by Dr. Yichao Rui, to conduct mechanistic and solution-based research related to soil health and agroecosystem sustainability, climate change mitigation and adaptation, and food security and sovereignty.



The primary focus of PAL is on the impacts of land use and management practices on agroecosystem performance and its environmental and social outcomes. We work closely with farmers, agricultural professionals, and other stakeholders to develop ecologically sound and economically viable strategies to improve agroecosystem sustainability and resilience. Our approaches include field and lab-based research as well as large-scale data analyses.

Qualifications: Applicants will have a strong interest in carbon and nutrient cycling, biogeochemistry, crop-soil-microbe interactions, and/or agroecosystem management. An undergraduate degree (for the MS position) or MS degree (for the PhD position) in these or related fields are required. Previous research experience or coursework related to these topics, as well as a commitment to contributing to a collaborative and inclusive environment, are valued.

Stipend and Benefits: The selected applicant will be appointed as a Graduate Research Assistant with a stipend commensurate with experience plus health benefits and tuition remission. Students' development is highly valued and will be supported with teaching, conferences, and outreach opportunities as well as customized development planning.

How to Apply: Candidates should first send a CV and a 1-page Cover Letter that summarizes research interests to Dr. Yichao Rui (ruiy@purdue.edu). Review of applications will begin on December 5, 2022 and will continue until the positions are filled.



Come join us!

We are PALs!

