UF IFAS UNIVERSITY of FLORIDA | SOIL, WATER, AND ECOSYSTEM SCIENCES

Ph.D. Assistantship (Fall 2023) – Nutrient cycling and soil health in organic, regenerative and conventional systems of North Florida

The Sustainable Nutrient Management Systems lab (https://soils.ifas.ufl.edu/sustainable-nutrient-management-systems/) in the Department of Soil, Water, and Ecosystem Sciences (SWES) at the University of Florida is seeking a Ph.D. research assistant to join an interdisciplinary team working on nutrient cycling and soil health in organic, regenerative and conventional agroecosystems of Northern Florida. The research assistant will conduct field and laboratory work to measure the effects of different management approaches in vegetable (carrots, cole crops) and row crops (peanut, corn), with a primary focus on nitrogen, phosphorus, and carbon cycling. This Assistantship is expected to start in the Fall of 2023 and includes a twelve-month stipend, full tuition coverage, and health insurance over a four-year period.

The successful applicant will have all or some of the following:

- a strong background in soil and plant sciences,
- experience conducting field work in agroecosystems, ideally sampling crops and soils,
- experience with lab protocols related to crop nutrition and soil fertility/health,
- experience with basic statistical analyses (regression, ANOVA), ideally in R,
- the desire to work outside in hot and humid conditions during the Florida summer.

Complete application packets are due to the SWES by January 2, 2023 (see https://soils.ifas.ufl.edu/academics/graduate-studies/apply/ for instructions). However, before applying, interested applicants are encouraged to contact Dr. Gabriel Maltais-Landry (maltaislandryg@ufl.edu) directly with a CV, a one-page letter of research experience and interests, and contact information (no letters required) of three referees.

Note: SWES no longer requires GRE scores for admission, hence GRE scores will not be considered in the admission process.