

Ph.D. Graduate Student Assistantship – Soil and Water Sciences, Univ. of Florida

The Soil and Water Science Program at the UF/IFAS Range Cattle Research and Education Center is recruiting a highly motivated Ph.D. graduate student (position begins in Spring 2022). The candidate will work with an interdisciplinary research team involved in the USDA, Long-Term Agroecosystem Research (LTAR) project (<https://ltar.ars.usda.gov/>). The LTAR network is a partnership among 18 agroecosystems across the United States that addresses the great and complex issues facing US food, feed, fuel, and fiber production. UF/IFAS Range Cattle Research Center and its partner Archbold Biological Station (Archbold-UF Range Cattle Subtropical; <https://ltar.ars.usda.gov/sites/abs-uf/>) LTAR sites are focused primarily on productivity and sustainability of forage-based grazing systems in subtropical environments with special emphasis on the impacts of grazing land management on ecosystem services under a climate change scenario.

The project is designed to understand soil carbon dynamics and greenhouse gas emission responses to grazing land management, with special emphasis on fire. Multiple topics are available and can further be determined by discussion of the candidate with the project principal investigators. Preference will be given to candidates with field research experience, strong academic performance, and excellent oral and written communication skills. Training/experience in GIS is highly desired. Student will be expected to publish findings in peer-reviewed scientific journals and participate in professional meetings. Interested applicants should provide:

- resume
- cover letter briefly describing academic/research experience
- goals/reasons for pursuing graduate school
- contact information for three references

Send materials to Dr. Maria Silveira (mlas@ufl.edu).