

# **SOIL BIOGEOCHEMISTRY RESEARCH LABORATORY**

## **ABOUT US**

Our lab research program mainly involves the integration of field experiments, lab incubation and process-based models to unravel the fundamental mechanisms through which biogeochemical and environmental factors impact soil carbon and nutrient dynamics, thus creating a new framework for climate-smart soil management.

## **WHY JOIN US?**

- Strengthen your resume with real-world environmental science and research skills
- Expand your professional network consisting of professionals, staff and technicians
- Improve organizational skills to help you utilize time and resources efficiently

## **EMPLOYMENT OPPORTUNITIES**

Student summer employment

- Laboratory Technician
- Up to 40 hours of work per week, Monday–Friday, May–August

## **CONTACT US**

Contact Wenjuan Huang at [wjhuang@iastate.edu](mailto:wjhuang@iastate.edu) for more information or to inquire about available position.

## **POSITION DESCRIPTIONS & RESPONSIBILITIES**

- Collect, prepare and analyze water and soil samples following the lab's standard operating procedures
- Chemical analyses performed: carbon, nitrogen, phosphorus.
- Operation and maintenance of chemical analysis equipment: Li-Cor, Spectrophotometers and more.
- Dishes and lab upkeep.