

The recently established Lab of Climate Change and Soil Biogeochemistry seeks motivated graduate students (M.S and Ph.D.) to study human accelerated environmental changes on biogeochemical cycles at molecular to global scales. The group's interdisciplinary research integrates field and laboratory observations as well as modeling approaches to address questions that intersect external disturbances and global biogeochemical cycles.

Numerous research opportunities are available depending on the applicant's interest but may include study of 1) climatic controls on soil organic matter decomposition and greenhouse gas emission, 2) integration of model and data to improve prediction of soil and ecosystem responses to climate change, 3) land-use changes on temporal and spatial heterogeneity of soil carbon and nutrients, and 4) synthesis of iron (Fe) biogeochemistry at molecular to global scales. Applicants must have a Bachelor's degree in environmental science, soil science, biology, ecology or a closely related field. Laboratory and/or field research experience is mandatory, but evidence of robust analytical skills, passion for scientific inquiry and aptitude for collaborative research are expected.

To apply, please send a statement of interest, complete CV, unofficial copies of transcript, GRE and/or TOEFL scores, and contact information for three professional references as a single PDF file to jli2@tnstate.edu. Review of applicants will begin immediately and the expected start date is spring 2015.

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Website: http://www.tnstate.edu/agriculture/resumes/jianwei_li.aspx