M.S. Graduate Research Assistantship in Soil N Dynamics at Clemson University

Description: Clemson University is seeking a MS graduate student in the Department of Plant and Environmental Sciences. The position is available starting August (Fall) 2021. The MS student will work on an USDA-NIFA project to investigate N dynamics in row crop systems. The research has both field and laboratory components. Field experiment will quantify N fertilizer equivalence of no-till cover crops by examining the N contributions of roots and shoots of grass, legume, and grass/legume mixtures, while investigating N release patterns from residue decomposition. Laboratory experiments include regular soil testing and incubation to analyze the pool size, distribution, and transformation of N in soils. Working under potentially hot and humid climate condition is expected. Responsibilities also include data collection and analyses, publications in academic journals, and presentations in professional conferences. The assistantship provides competitive stipend, tuition remission, and health insurance.

Qualification: Applicants must have a BS degree in agriculture or environmental sciences. A background in soil disciplines and/or clearly demonstrated field and laboratory skills is encouraged to apply.

Application: To apply, please contact Dr. Rongzhong Ye (rongzho@clemson.edu) with your CV, unofficial copy of transcript, GRE and TOEFL scores (if applicable), and contact information for three references. Review of applicants starts immediately and continues until the position is filled.