### POSITION ANNOUNCEMENT

**POSITION**

Graduate Research Assistant (GRA), M. S. Soil Management and Physics related to stormwater mitigation practices. 0.5 time

**JOB RESPONSIBILITIES:**

The candidate will pursue interdisciplinary research, integrating soil physical, chemical, and biological properties to investigate methods for reducing stormwater impacts. Research will involve the study of tillage and amendments to enhance soil infiltration in combination with different types of vegetation to enhance pollinator habitat. The focus can be in soil physics, soil-plant interactions, nutrient and heavy metal dynamics, or some combination depending on the candidate’s interests.

Presentation of research results for technical and non-technical audiences at local, regional, and national meetings will be an important component of training. All graduate research assistants participate in the Department’s teaching program.

**QUALIFICATIONS:**

B.S. in Soil Science, Agronomy, Environmental Science or Agricultural Engineering, or closely related field. Experience in soil physics and/or nutrient management is preferred but not required. Demonstrated excellence in coursework. Excellent written and oral communication skills. Ability to work independently and as a team member.

**STIPEND AND FEES:**

Annual stipend is $19,000. Tuition and health insurance covered under the Graduate Student Support Plan. Anticipated duration is 24 months.

**LOCATION**

Department of Soil Science  
North Carolina State University  
Raleigh, NC  27695-7619

We are unique among our U.S. and international peers due to our broad and intensive expertise spanning land use, agriculture, and environmental protection. Our outstanding faculty and strong collaborations with other scientists at our Research I university and elsewhere make us an internationally-recognized center for innovative research and graduate training. We seek high quality students pursuing careers in soil science and related fields.

**HOW TO APPLY:**

Online at [http://www2.acs.ncsu.edu/grad/applygrad.htm](http://www2.acs.ncsu.edu/grad/applygrad.htm)  
Applicants should inform the contact below that they have applied.

**Questions about this position are welcome and encouraged. Contact:**

Dr. Rich McLaughlin, Professor (Soil Management)  
rich_mclaughlin@ncsu.edu, 919-515-7306; or  
Dr. Josh Heitman, Associate Professor (Soil Physics)  
jlheitman@ncsu.edu, 919-513-1593  
North Carolina State University  
Department of Soil Science, Box 7619  
Raleigh, NC  27695-7619

**DATE AVAILABLE:**

August 2016 or until a suitable candidate is identified

North Carolina State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.