

GRADUATE ASSISTANTSHIP AVAILABLE

POSITION	Graduate Research Assistant (GRA), M.S. or Ph.D. Environmental Physics of Water in the Soil-Plant-Atmosphere Continuum NCSU Soil Physics Laboratory (PI: Josh Heitman)
JOB DESCRIPTION	We seek an exceptional student to conduct research on soil water cycling in the upper vadose zone to the atmosphere, funded through the National Science Foundation and the Bi-National Agricultural Research and Development Fund. The project will include development of novel measurement techniques, field applications in viticulture, and/or modeling of coupled heat and water transfer, depending on the interest and capabilities of the candidate. Extensions of the project in remote sensing and international collaboration are also potential project components. Presentation of research results at local, regional, and national meetings will be an important component of training. All graduate research assistants participate in the Department's teaching program.
LOCATION	Department of Soil Science, North Carolina State University, Raleigh, NC 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. The Raleigh-Durham area consistently ranks among the best places to live in the United States, largely due to its vibrant intellectual community and ample access to recreational and cultural activities.
QUALIFICATIONS	B.S. (for M.S. consideration) or M.S. (for Ph.D. consideration) in Soil Science, Agronomy, Environmental Science or Engineering, Atmospheric Science, Physics or closely related field. Specific experience in soil physics is preferred but not required. Demonstrated excellence in course work. Excellent written and oral communication skills. Ability to work independently and as a team member.
STIPEND	Annual stipend is \$16,000 for M.S. and \$18,000 for Ph.D. Tuition and health insurance covered under the Graduate Student Support Plan.
HOW TO APPLY:	For further information about this position, please contact: Josh Heitman Department of Soil Science, North Carolina State University jlheitman@ncsu.edu ; (919) 513-1593 Applications may be submitted online through the NCSU Graduate School (see the "Apply to Graduate School" option at www.ncsu.edu/grad/).
DATE AVAILABLE:	August 2010 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.	