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SOIL SCIENCE GRADUATE ASSISTANTSHIP

POSITION	Soil Science Graduate Research Assistant (M.S.) Soil Blue Carbon in Tidal Marsh Ecosystems
JOB DESCRIPTION	<p>M.S. Position: This student will conduct research in the area of soil blue carbon dynamics within tidal marsh systems of the Outer Banks and Pamlico Sound regions of North Carolina. Primary activities will include extensive field work to quantify soil carbon pools from tidal marshes formed in different coastal geomorphic settings (submerged coastline, tidal creeks, back barriers). This student will work closely with the USDA-NRCS Coastal Zone Soil Survey Team (Link).</p> <p>This position will also include laboratory work to quantify carbon concentration and a suite of associated biological, chemical, and physical soil properties; statistical data analysis, report preparation, and presentation of research results at regional and national meetings. All graduate research assistants are required to participate in our teaching program for the equivalent of two or three laboratory sections of an introductory soils course.</p>
LOCATION	<p>Crop & Soil Sciences Department, North Carolina State University, Raleigh, NC</p> <p>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.</p> <p>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.</p>
QUALIFICATIONS	B.S. degree in Soil Science, Environmental Science, Natural Resource Science, or closely related fields of study. Demonstrated excellence in course work and previous field experience describing soil morphology preferred. Demonstrated interest in pursuing a career in Soil Science. Excellent written and oral communication skills. Ability to work independently and as a team member.
STIPEND	Annual stipend is \$22,500 plus tuition and health insurance covered by the Graduate Student Support Plan
HOW TO APPLY:	<p>For further information about this position, please contact: Dr. Matthew Ricker (mcricke@ncsu.edu) <i>Applications must be submitted online through the NCSU Graduate School (see the "Apply Now" option at https://grad.ncsu.edu/).</i></p>
DATE AVAILABLE:	January or May 2021 depending on suitable candidate's preference
North Carolina State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.	