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**SOIL SCIENCE GRADUATE ASSISTANTSHIP**

<b>POSITION</b>	<b>One Soil Science Graduate Research Assistants (Ph.Ds)</b> Soil Carbon Sequestration Strategies in Southeastern Organic Cropping Systems
<b>JOB DESCRIPTION</b>	<p>This student will establish a 3-year crop rotation field experiment under organic transition at two research stations in the coastal plain of NC, with a focus on rapid soil health improvement and maximum soil carbon sequestration using various carbon inputs and cover crops.</p> <p>This position will include laboratory work to quantify soil carbon pools and a suite of associated soil health (biological, chemical, physical) 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> <p>This position will work closely with another graduate student focused on soil health and carbon dynamics within organically managed farms. Primary activities will include extensive field work to quantify soil health properties from farm fields in different stages since transition to organic management in the Coastal Plain region of North Carolina.</p>
<b>LOCATION</b>	<p><b>Crop &amp; Soil Sciences Department, North Carolina State University, Raleigh, NC</b></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>
<b>QUALIFICATIONS</b>	M.S. degree in Soil Science, Environmental Science, Natural Resource Science, or closely related fields of study. Demonstrated interest in pursuing a career in Soil Science and/or Agronomy. Excellent written and oral communication skills. Ability to work independently and as a team member.
<b>STIPEND</b>	Annual stipend is \$23,500 plus tuition and health insurance covered by the Graduate Student Support Plan
<b>HOW TO APPLY:</b>	<p>For further information about this positions, please contact:                  Alex Woodley (<a href="mailto:alwoodle@ncsu.edu">alwoodle@ncsu.edu</a>)  <i>Applications must be submitted online through the NCSU Graduate School (see the "Apply Now" option at <a href="http://www.ncsu.edu/grad/">www.ncsu.edu/grad/</a>).</i></p>
<b>DATE AVAILABLE:</b>	September 2021 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.**

