

**Assistant Professor  
Soil Carbon Dynamics**

The Department of Soil & Crop Sciences seeks a Carbon Dynamics Soil Scientist at the Assistant Professor level to complement and expand existing strengths in the Department. The successful candidate will demonstrate a vision for an internationally recognized Soil Carbon research program. It is expected that research will focus on the storage and cycling of soil organic carbon. Specific areas of emphasis may include, but are not limited to carbon-aggregate interactions, mineral-organic associations, carbon sequestration, rhizosphere patterns, root exudation, and microbe-carbon interactions in the root-soil-water interface. The position is expected to 1) teach at the graduate and undergraduate levels, 2) secure extramural funding sufficient to sustain a vibrant research program that includes the training of undergraduate and graduate students, 3) publish in top-tier journals in his or her field, and 4) meet all other expectations of a major land grant institution. The successful candidate will teach core undergraduate soil science courses, two semesters per year (one course per semester) and have the opportunity to develop a graduate course in soil carbon dynamics or similar subject. The position is 60% research and 40% teaching. This is a 10-month, tenure-eligible faculty position.

**Required.** The following criteria are required: Ph.D. in soil science or a closely related discipline; publication record in peer-reviewed journals; excellent verbal and written English language skills, and interpersonal communication skills; capability to obtain extramural research support; ability to collaborate within interdisciplinary and multi-cultural teams; and ability to teach soil science.

**Desired.** The following criteria are desired: previous instruction of undergraduate core soil science courses, experience with online instruction, and experience with learning management systems.

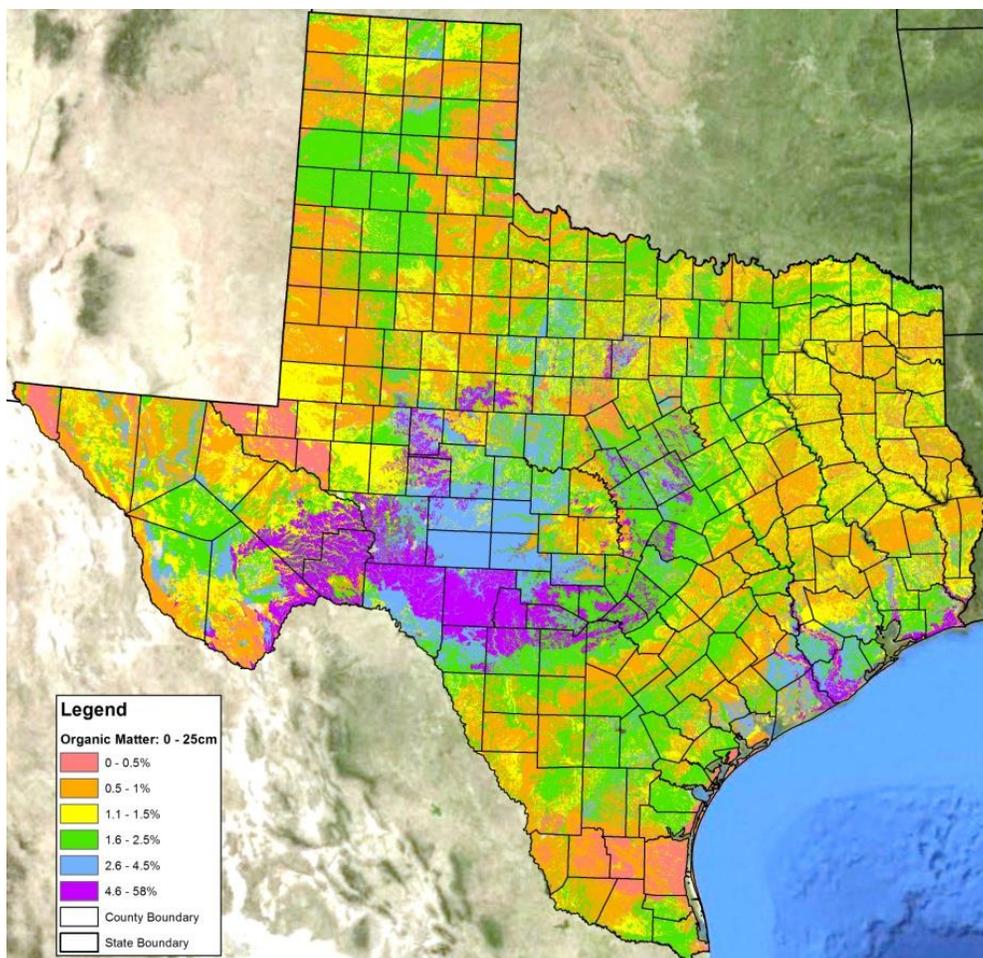
**Resources.** Texas A&M University (TAMU) is a public, land-grant institution with access to excellent facilities and resources such as core laboratories, advanced equipment, off-campus research centers and field stations, a large endowment, as well as opportunities to interact and collaborate with a broad range of TAMU System researchers throughout the state of Texas. In Soil & Crop Sciences at TAMU, we integrate knowledge derived from several disciplines which focus on resilient management of row-crop, turf grass, grazing, and other highly managed systems in rural to urban ecosystems. The goal of the soil science program is to provide world-class technical and policy leadership to secure the global soil resource, interfacing with food security, water security, energy security, climate change abatement, human health, biodiversity protection and ecosystem service delivery. Texas is an ecologically diverse state with representation of many major land resources that provide a diversity of land management strategies, soil properties, climates, and ecosystems.



**Two A Horizons of a Texas Vertisol under different management.**

**Application Process.** Applicants must submit a Cover Letter (up to 2 pages), a current curriculum vitae, and a two-page statement on teaching and research relative to the position and the College of Agriculture and Life Sciences Grand Challenges (please visit <http://grandchallenges.tamu.edu/home/>). Additionally, three reference letters should be sent directly to the search committee chair at [cmorgan@tamu.edu](mailto:cmorgan@tamu.edu). Cover letters should explicitly address qualifications for each required/desired criterion. Individuals should apply at <https://greatjobs.tamu.edu> and send inquiries to: Dr. Cristine Morgan, Search Committee Chair, Department of Soil and Crop Sciences, Texas A&M University, College Station, TX 77843-2474, email: [cmorgan@tamu.edu](mailto:cmorgan@tamu.edu). Review of applications will begin November 13, 2017 and continue until the position is filled.

The Texas A&M University System is an equal opportunity employer and is committed to building a diverse work environment that values diversity in all its forms. The College is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. Women, minorities, individuals with disabilities, and veterans are encouraged to apply.



Variability of soil organic matter across Texas.