



Assistant Professor of Soil Chemistry

DESCRIPTION: The Department of Environmental Science and Technology at the University of Maryland seeks candidates for a 9-month tenure-track Assistant Professor in environmental soil chemistry. The position is 60% research and 40% teaching.

POSITION SUMMARY: The successful candidate is expected to establish an externally funded, nationally and internationally recognized research program in environmental soil chemistry, with an emphasis on employing fundamental chemistry approaches to soil systems across various scales in the landscape. The overall research goal of this position is to develop a premier basic soil chemistry program that will integrate both theoretical and experimental approaches. Possible areas of research scholarship could include interactions of organic and inorganic pollutants with soils; the chemistry and dynamics of soil organic matter; or redox chemistry in soils. The successful candidate will provide leadership and partner with faculty in the department, college, and university to use novel and advanced instrumentation to address fundamental and applied research questions of soil chemistry. The successful candidate will secure extramural funding, publish in top-tiered journals, advise graduate students, and collaborate with colleagues in other academic, state, and federal institutions. Teaching responsibilities of this position will include an undergraduate course in soil chemistry and a graduate level course in advanced soil chemistry. Additional opportunities are available to develop and teach or co-teach new courses with faculty in the department.

MINIMUM QUALIFICATIONS: A Ph.D. in soil chemistry, environmental chemistry, geochemistry, earth sciences, or related discipline, with a strong background of coursework and experience in both soil science and chemistry. The successful candidate will possess education, training, and skill in theory and application of novel and advanced instrumentation techniques.

CLOSING DATE: For best consideration, applications should be received by May 17, 2018. The position will remain open until filled.

REQUIRED DOCUMENTS: All applications must be submitted via www.ejobs.umd.edu (posting # 103653). Applicants should provide (1) cover letter describing interests and qualifications for the position, (2) a curriculum vitae, (3) unofficial transcripts, (4) two recent journal publications on environmental soil chemistry topics using novel and advanced instrumentation techniques, and (5) names and addresses (mailing, email, telephone, and fax numbers) of four references.

QUESTIONS: Questions about the position can be directed to the Search Committee Chair, Dr. Gurpal Toor at 301-405-1215 or via email at gstoor@umd.edu.

