

Teaching Soil Chemistry: Challenges and Opportunities. (S02-sparks134217-Oral)

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Abstract:

The field of soil chemistry has changed greatly over the past two decades with major emphasis shifting to reactions and processes of environmentally important inorganic and organic species. Moreover, students taking soil chemistry are in many other fields in addition to soil science including geochemistry, marine studies, environmental chemistry, and environmental engineering. Thus, teachers of soil chemistry must gear their courses toward a diverse student body who have wide ranging academic backgrounds and interests. This occurrence, as well as the rapid changes that have and are taking place in the field, present challenges and opportunities for instructors of soil chemistry. This presentation will discuss these and other issues related to soil chemistry curricula and teaching of undergraduate and graduate students.

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