

Soil Chemistry Curriculum Development: Introduction. (S02-pierzynski154706-Oral)

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Abstract:

Soil chemistry is a broad and challenging topic for instructors. No curriculum guidelines exist for the undergraduate or graduate level. Textbooks differ in their breadth and depth of coverage. People who have training in soil chemistry may have considerable variability in their skills. This lack of uniformity is not in the best interest of the discipline. The purpose of this symposium is to initiate discussions on curriculum development in soil chemistry instruction. Textbook authors have a large influence on curriculum development because their books often serve as starting points for courses, and several textbook authors will present their views on curriculum development. Speakers will comment on a minimum set of topics that should be covered in soil chemistry courses, how to deal with variable student preparation, and the depth of coverage for select topics. Speakers who have extensive experience in soil chemistry teaching will provide opinions on curriculum development, and several speakers who are well established in the profession will comment on what we do and how their soil chemistry training influenced their success in the profession.

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