

Poster Presentations

(listed alphabetically)

Alvarez de la Puente, Jose*: *Biochar and vermicompost use as peat based growing media partial replacement to produce containerized ornamentals.*

Barq, Mohsin Gulzar: *Degradation of polyester polyurethane by an indigenously developed consortium of Pseudomonas and Bacillus species isolated from soil.*

Beetstra, Margaret*: *I do not think it means what you think it means: Describing different conceptualizations of soil health.*

Brown, Cassandra: *Soil balancing in organic crop production: concepts, practices and big questions.*

Dayton, Elizabeth: *Trends in Ohio soil test phosphorus.*

Deiss, Leonardo: *Does the soil grinding improve prediction performance in diffuse reflectance infrared Fourier transform spectroscopy?*

Demyan, Scott: *What is soil mineralogy and why is it important? The Ohio perspective.*

Doohan, Thomas*: *Applicability of portable Vis-NIR spectroscopy in Ohio soils.*

Gao, Xiaodan: *Non-classical polarization of cations in black soil colloid aggregation.*

Gonzalez-Maldonado, Noely*: *Evaluating the effects of half a century of no-till and crop rotation on soil health and maize productivity.*

Hendricks, Luanne*: *Soil bioavailability of aminomethylphosphonic acid: a metabolite of glyphosate degradation.*

Herman, Bethany and Gingery, Mason: *Implementation of rapid soil health tests for Ohio growers.*

Hoekstra, Nicole: *The impact of vegetation management strategies on soil health in urban vacant lots.*

Huo, Daowen*: *Soybean benefits from three-year crop rotation.*

Lorenz, Klaus and Lal, Rattan: *Achieving United Nations' Sustainable Development Goals by soil management.*

Lorenz, Nicola: *Soil enzyme activities as quality indicators for soil tillage.*

Lyons, W. Berry: *The geochemistry of soil from around the world, an earth science perspective.*

Malacrino, Antonino: *Bioavailable selenium alters the structure of bacterial communities in soil.*

Mann, Meredith: *Converting between Mehlich-3, Bray P, and ammonium acetate soil test values.*

Mason, Laura*: *Intercropping with indigenous shrubs relieves drought stress of millet in the Sahel: are microbes helping?*

Moonilall, Nall*: *Effect of topsoil depth and amendments on soil physical properties and agronomic productivity in central Ohio.*

Osterholz, Will: *Identifying legacy and incidental phosphorus losses from NW Ohio cropland.*

Smith, Devin*: *Water cycling on a cultivated land: an investigation of ecohydrologic separation in the vadose zone.*

Snyder, Alice*: *REBLS- Restoring Ecosystems with bio-based wastes for Blended Soils*

Sprunger, Christine: *What management practices most influence soil health in corn production?*

Tomashefski, Dave: *Comparison of fertilizer placement methods across varying P sources and levels of surface cover.*

Traore, Salifou: *Microbial and nutrient cycling responses to termite and earthworm activities in soils amended with Piliostigmata reticulatum plant residue in the Sahel.*

Wade, Jordon*: *Does a healthy soil require less fertilizer? Evidence from corn-soybean cropping systems across the Corn Belt.*

Whitacre, Shane: *Soil Water Environmental Laboratory (SWEL) participation in the Soil Health Institute international study for soil quality measures.*

Xiao, Yilong*: *A two-dimensional local discontinuous Galerkin method with pseudo-time stepping for Richards' equation.*

Zearley, Alyssa: *Incorporating diet into In Vitro methods to improve prediction of lead bioavailability in wildlife.*

Zone, Phoo: *Effects of soil test levels and fertilization on tissue nutrient contentration.*

* denotes entry into graduate student poster competition

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