**2023 W4170 Publications**

**Peer-Reviewed Publications**

Azeem, M., A. Ali, P.G.S.A. Jeyasunder, Y. Li, H. Abelrahman, A. Latif, R. Li, N. Basta, G. Li, S.M. Shaheen, J. Rinkleve, and Z, Zhang. 2021. Bone-derived biochar improved soil quality and reduced Cd and Zn phytoavailability in a multi-metal contaminated mining soil. Environ. Pollut. 277:116800.

Chiles, R.M., P.J. Drohan, C. Raj, L.M. O'Sullivan, D. Doody, R.P.O. Schulte, C. Grady, F. Jian, H.E. Preisendanz, E.L. Dingkuhn, T.L. Veith, and A. Anderson. Optimization and reflexivity in interdisciplinary agri-environmental scholarship. Frontiers in Sustainable Food Systems-Social Movements, Institutions and Governance. In Press. DOI:10.3389/fsufs.2023.1083388

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Hayden, K.R., M. Jones, K.R. Elkin, M. Shreve, W.I. Clees II, S. Clark, M.L. Mashtare, T.L. Veith, H.A. Elliott, J.E. Watson, J. Silverman, T. Richard, A. Read, and H.E. Preisendanz. 2022. Impacts of the COVID-19 pandemic on pharmaceuticals in wastewater treated for beneficial reuse: Two case studies in central Pennsylvania. Journal of Environmental Quality, 51(5): 1066-1082. DOI:10.1002/jeq2.20398

Huang, D., N.A. Khan, G. Wang, K.C. Carroll, and M.L. Brusseau (2022) The Co-Transport of PFAS and Cr(VI) in Porous Media. Chemosphere, Volume 286, Part 3, 131834, ISSN 0045-6535. https://doi.org/10.1016/j.chemosphere.2021.131834.

Huang, R., and N. Hue. 2022. In transition towards organic farming: effects of rock phosphate, coral lime, and green manure on soil fertility of an acid Oxisol and the growth of soybean (Glycine max L. Merr.) seedlings. Agriculture 2022,12,2045. https://doi.org/10.3390/agriculture12122045.

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**Book/Book Chapter**

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**Conference Abstracts/Proceedings**

Alam, M.S., H.E. Preisendanz, J.R. Fetter, S. Boser, and B.R. Swistock. Assessing the potential impacts of biosolids applications on the presence of PFAS compounds in nearby groundwater wells: A citizen science-based study in Pennsylvania. ASABE Paper No. 2200110. American Society of Agricultural and Biological Engineers, St. Joseph, MI. DOI:10.13031/aim.202200110

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**Hall, Samantha, Jocelyn Fimbres, Kaylee Abato, Julia Termine, Maria Pilar Botana Martinez, Diana Ceballos, Shane Whitacre, Nicholas Basta, and Wendy Heiger-Bernays. Community Garden Soil Sampling for Metals to Inform a Community Renovation and Expansion Project. International Society for Exposure Science, Lisbon, Portugal, Sept. 25-29, 2022**

Ferguson, F., K.R. Elkin, R. Stout, T.L. Veith, J.F. Tooker, and H.E. Preisendanz. 2022. Linking water quality stressors and macroinvertebrate diversity in central Pennsylvania using passive samplers. ASABE Paper No. 2200174. American Society of Agricultural and Biological Engineers, St. Joseph, MI. DOI:10.13031/aim.202200174

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**Theses and Dissertation**

Broadbent, E. 2022. Effects of Drinking Water Treatment Residual Amendments to Biosolids on Plant Bioavailable Per- and Polyfluoroalkyl Substances. [MS Thesis, University of Florida].

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**Technical reports, news releases, and others**

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