

# **Phosphorus Extraction Methods from Water Treatment Residual-Amended Soil. (S11-ippolito104940-Oral)**

## **Authors:**

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## **Abstract:**

Water treatment residuals (WTR) have the ability to adsorb tremendous amounts of soil-borne P. In triplicate, we added increasing amounts of WTR to a biosolids-amended soil containing excessive P concentrations. We then added 20 mL of H<sub>2</sub>O, shook for one week on a reciprocating shaker, filtered, and analyzed the filtrate for inorganic and total P. We dried the soil-WTR mixture and measured P using several extraction methods, including water (orthophosphate and total), AB-DTPA, Olson's, Bray-1, and Mehlich-III. Results will be presented.

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