



**RIO18**  
21st World Congress  
of Soil Science

**21 WORLD CONGRESS OF SOIL SCIENCE**  
Sunday 12 – Friday 17 August 2018  
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

## POSTER SESSION – DIVISION 3

Thursday (Aug, 16)		TOTEN 42	
<b>C3.5.2</b>		Native metallophytes from mine spoils as a potential source for phytoremediation	
Schedule	ID	Title	Presenter
13:30 – 13:40	1334	Accumulation of heavy metals in metalliferous soils of the North Caucasus and Brassicaceae species in connection with the reclamation of soils	Jaume Bech
13:40 – 13:50	375	Arsenic, copper and zinc in the organic tissues and in the silica phytoliths of <i>Setaria vulpiseta</i> growing on a contaminated soil of in a gold mining area	Mariana Ferreira Rabelo Fernandes
13:50 – 14:00	513	Earthworms and arbuscular mycorrhizal fungi on the growth of <i>Canavalia ensiformis</i> in sandy soil contaminated with copper	Natielo Almeida Santana
14:00 – 14:10	2967	Effects of biochar on copper bioavailability and soil microbial communities in a metal-contaminated soils using metallophytes and agricultural plants	Sebastian Meier
14:10 – 14:20	1140	Geochemical distribution of trace metals in urban soils of Hualpen, Chile.	Pedro Tume
14:20 – 14:30	801	Growth and potential for phytoremediation of native grasses of South American grasslands grown in copper-contaminated soils.	Lessandro De Conti
14:30 – 14:40	363	Performance of resistant-rhizobacteria bioaugmentation-assisted phytoextraction by grasses applied in multi-metal(loid) contaminated soils	Cácio Luiz Boechat
14:40 – 14:50	1435	Selection of native tree species for the phytoremediation of copper-polluted soils under tropical climate	Verónica Asensio
14:50 – 15:00	1352	Selection of winter cover crops for copper phytoremediation	Helena Wichineski Trombeta
15:00 – 15:10	2176	Mine soil rehabilitation after hydrophilic polyacrylate polymers application and growth cycles with different autochthonous plant species	Erika S. Santos



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