



**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 2

Tuesday (Aug, 14)		TOTEN 14	
C2.2.3		Soil and water pollution: dynamics and evaluation	
Schedule	ID	Title	Presenter
13:30 – 13:40	966	Determination of Carbon in São Paulo state soil sample by Near Infrared Spectroscopy	Catarina Celeste Duque
13:40 – 13:50	367	Digital mapping of the natural contents of heavy metals in soils of the Serrana Region of the State of Rio de Janeiro	Leonardo Durval Duarte Guimarães
13:50 – 14:00	710	Effect of anthropization in the water table level change of mountain tropical peatlands	Alexandre Christofaro Silva
14:00 – 14:10	1944	Effects of electrochemical changes on barium content in flooded soil	Douglas Gomes Viana
14:10 – 14:20	2741	Effects of sewage sludge application in a soil with high natural contents of Cd, Zn, and Pb	Rafaella Campos
14:20 – 14:30	2669	Emissions and releases from primary mercury mining activities into terrestrial systems of the Sierra Gorda, Querétaro, México	G. Hernández-Silva
14:30 – 14:40	3228	Engineering Trees into Site Remediation: Case Studies of Using Eucalyptus in Brazil	Lawrence Morris
14:40 – 14:50	2461	Estimate of the sorption atrazine (atz) in horizontal samples of a red-yellow latosol	Alba Rocio Aguilar Piratoba
14:50 – 15:00	2867	Evaluating the pollutant removal potential of swales for the treatment of metaldehyde and other pesticide pollutants within agricultural surface runoff.	Lloyd Cockram
15:00 – 15:10	2642	Extraction of heavy metals from contaminated soils and sediments using different surfactants	Ingrid Hagarová



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