



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

DIVISIONAL SYMPOSIUM – DIVISION 2

Tuesday (Aug, 14)		Room "Oceania IX e X"	
C2.2.3		Soil and water pollution: dynamics and evaluation - I	
		Convener: Dr. Leônidas Carrijo Azevedo Melo, Universidade Federal de Lavras, Lavras, Brazil	
		Co-Convener: Dr. Clístenes Williams Araujo do Nascimento, Universidade Federal Rural de Pernambuco, Recife, Brazil Luís Reynaldo Ferracciú Alleoni, USP - Escola Superior de Agricultura Luiz de Queiroz, Piracicaba, Brazil	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	2308	A multi-scale approach for soil contamination assessment	Paola Adamo
15:55 – 16:10	3083	The Role of Soil Chemical Processes and Properties in Impacting Chromium Cycling in Highly Contaminated Soils	Jason Fischel
16:10 – 16:25	1089	Contribution of Soil Active Components to the Control of Heavy Metal Speciation	Wenfeng Tan
16:25 – 16:40	252	Studies on Redox behaviors between dissolved sulfide and manganese oxide minerals assisted by in-situ electrochemical technique	Guohong Qiu
16:40 – 16:55	2363	Evaluation of the content of trace elements in the soils of the river basin affected by flood events	Mirosław Kobierski
16:55 – 17:10	1413	Wastewater treatment and recovery of uranium by iron and aluminium (hydr)oxides	Vanessa de Paula Ferreira
17:10 – 17:25	1403	Phosphorus Release in Pyrogenic Organic Matter and Gypsum Amended Soils under Simulated Seasonal Flooding Conditions	Darshani Kumaramage
17:25 – 17:40	1338	Copper sorption in technosols made with organic matter, carbonates and bentonite	Francisco Ruiz
17:40 – 17:55	2372	Sea level rise induced arsenic release from historically contaminated coastal soils	Joshua J. LeMonte
17:55 – 18:10	--	Closing	Conveners



Brazilian Soil Science Society



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