



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 4

Monday (Aug, 13)		TOTEN 53	
C4.1.5 C4.2.1		Carbon sequestration potential of soils Soil and Human Health	
Schedule	ID	Title	Presenter
13:30 – 13:40	2842	The state of the art of the negative impacts in Brazilian carbon stocks due to bad practices	Lucas Henrique Ribeiro Reis
13:40 – 13:50	1171	The use of plant lipids as molecular proxies to trace the origin and dynamics of soil organic carbon	Boris Jansen
13:50 – 14:00	2289	When the forest drops acid: threshold behavior in carbon cycles upon acidification	Karen Vancampenhout
14:00 – 14:10	1468	A brief history of soils and human health studies	Eric C. Brevik
14:10 – 14:20	2340	AGRONOMIC BIOFORTIFICATION OF POTATO (<i>Solanum tuberosum</i> L.) THROUGH FOLIAR AND SOIL FERTILIZATION WITH ZINC AND ITS INTERACTION WITH CADMIUM	Pedro Pablo Gutierrez Vilchez
14:20 – 14:30	2654	Detection of ampC beta-lactamase from agricultural and forest soils in Nova Friburgo, Rio de Janeiro, Brazil	Eliene dos Santos Lopes
14:30 – 14:40	2583	Detection of the colistin resistance gene (<i>mcr-1</i>) from agricultural and forest soils in Nova Friburgo, Rio de Janeiro, Brazil	Camila Costa de Oliveira
14:40 – 14:50	210	Eastern European Pollution Assessment via Portable X-ray Fluorescence Spectrometry: Soils and Vegetation	David C. Weindorf
14:50 – 15:00	1141	Metal and metalloid contaminated soil from an ancient gold Mine - Mina de Chico Rei - Ouro Preto/MG - Chemical extraction studies	Alcylane Caldeira Santos
15:00 – 15:10	3016	Soil and house dust as environmental media of human exposure to trace elements in an historically contaminated area of central Chile	Maite Berasaluce



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