



**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 SIMPOSIUM – DIVISION 4

Tuesday (Aug, 14)		Room “Ilha Bela II”	
<b>C4.2.1</b>		<b>Soil and Human Health - II</b>	
		<b>Convener:</b> Eric Brevik, Department of Natural Sciences, Dickinson State University Dickinson, USA	
		<b>Co-Convener:</b> <a href="#">Lily Pereg</a> , School of Science and Technology, University of New England, Armidale, Australia	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	606	Soil and human health: A pursuit of patterns	Alan Franzluebbbers
15:55 – 16:10	2542	Soil and the human microbiome	Winfried Blum
16:10 – 16:25	665	Soil carbon storage and climate change	Ram Dalal
16:25 – 16:40	223	Soil contamination with heavy metals in China and implications for human health	Fang-Jie Zhao
16:40 – 16:55	1502	Soil geochemistry, food systems and human health at a global and regional scales	Pavel Krasilnikov
16:55 – 17:10	2600	The Integral Soil Model to Address Local and Global Soil Health and Security	Sabine Grunwald
17:10 – 17:25	825	Transmission of antibiotic resistance genes from agricultural soils to vegetables	Yu-Jing Zhang
17:25 – 17:40	2012	Soil biodiversity, Human health and Climate change: applying knowledge to address sustainability challenges	Diana H. Wall
17:40 – 17:55	--	Closing	Conveners



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**2015**  
International  
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