



**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 2

Monday (Aug, 13)		Room “Asia I, II e III”	
<b>C2.1.1</b>		<b>Soil structure dynamics – I - Assessment and evolution</b>	
		<b>Convener:</b> Dr. José Miguel Reichert, UFSM, Santa Maria, RS, Brazil.	
		<b>Co-Conveners:</b> Dr. Stephan Peth, Kassel University, Witzenhausen, Germany. Dr. Thomas Keller, Agroscope, Zürich, Switzerland. Dr Mathieu Lamandé, Aarhus University, Tjele, Denmark.	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	2315	Assessing continental-scale influences of exogenous and endogenous controls on soil structural development	Daniel R. Hirmas
15:55 – 16:10	419	An assessment scheme for soil degradation processes caused by forestry machinery	Rainer Horn
16:10 – 16:25	2032	Agricultural management type influence on soil microbial biomass and physical properties	Gheorghe Stegarescu
16:25 – 16:40	962	The role of soil structure conservation on physical properties of a volcanic ash soil subjected to different pasture improvement managements	José Dörner
16:40 – 16:55	336	Agricultural management practices effect on soil structural stability	Endla Reintam
16:55 – 17:10	1529	Intercorrelation in Mechanisms of Soil Aggregate Formation and Carbon Stabilization in Midwest Soils, USA	Ekrem Ozlu
17:10 – 17:25	1216	Neoformation of soil aggregates after a volcano eruption in meadows of Northern Patagonia, Argentina.	Enriquez, Andrea Soledad
17:25 – 17:40	334	Rare earth oxides as tracers for studying aggregate turnover: bridging soil physical and biological processes	Xinhua Peng
17:40 – 17:55	1139	Physico-chemical parametrization of biopore walls: A very special soil volume for soil fertility and exchange processes	Christoph Haas
17:55 – 18:10	612	Soil compaction reduction by earthworms activity in a very clayey soil	Maria Eliza Turek
18:10 – 18:15	--	Closing	Conveners



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