



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 1

Tuesday (Aug, 14)		Room “Capri IV”	
C1.1.3 C1.6.1		How to use micromorphology to understand palaeosols and polygenetic soils Human-environment interactions recorded in soils and palaeosols	
		Convener: Sergey Sedov, UNAM, Mexico City, Mexico Elizabeth Solleiro, UNAM, Mexico City, Mexico	
		Co-Convener: Dr. Maria Bronnikova, Russian Academy of Sciences, Moscow, Russia Francisco Sergio Bernardes Ladeira; UNICAMP, Campinas, SP, Brazil	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	2592	A practical approach to studying iron-rich duricrusts using SEM image analysis	Danilo de Lima Camêlo
15:55 – 16:10	540	Micromorphology of red palaeosols in Mediterranean loess sequences in the Ebro valley	Rosa M. Poch
16:10 – 16:25	1616	Pedogenesis and paleoenvironmental reconstruction in a sequence of Spodosols in forest-savanna transition area in Roraima	Anna Bárbara De Souza Cruz
16:25 – 16:40	950	Synlithogenic pedogenesis in calcareous archaeological landforms of Israel	Danny Itkin
16:40 – 16:55		Close C1.1.3 / Opening C1.6.1	Conveners
16:55 – 17:10	2750	Main patterns of human-environment interaction during the Holocene recorded in soils of the Kuiavia region (central Poland)	Michal Jankowski
17:10 – 17:25	1633	Micromorphology as a tool for diagnostics of former human environmental interactions within medieval settling areas in different environmental backgrounds	Maria Bronnikova
17:25 – 17:40	1237	Potential application of ²³⁹⁺²⁴⁰ Pu in Austria as a soil erosion rates proxy	Raquel Falcao
17:40 – 17:55	1368	Proxies of degraded Acrisols under sloped pastures in the State of Rio de Janeiro (Brazil)	Roman Seliger
17:55 – 18:10	1195	Spatiotemporal landscape changes under human influence recorded in an agrarian kettle hole	W.M. van der Meij
18:10 - 18:15	--	Closing	Conveners



International Union of Soil Sciences



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