



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 1

Thursday (Aug, 16)		TOTEN 2	
C1.6.1 C1.6.2		Human-environment interactions recorded in soils and palaeosols Soil memory: proxies for deciphering records of past environmental conditions in soils and palaeosols	
Schedule	ID	Title	Presenter
13:30 – 13:40	2307	Interface between soils, morphogenetic processes, records of past human occupation and environmental changes in the low terraces of the Jacaré-Guaçu river (Boa Esperança do Sul, State of São Paulo, Brazil)	Pedro Michelutti Cheliz
13:40 – 13:50	772	The coastal soil of the Atacama Desert, properties, and implications in the conservation of mummified bodies, in the validity of the postmortem chemical result and the inference regarding the health of the ancient human populations	Leonardo Figueroa
13:50 – 14:00	1133	Biological memory of soils and occupation layers of archaeological sites.	Elena Chernysheva
14:00 – 14:10	785	Climate and environmental changes in central-eastern Brazil during the Last Glacial Maximum	Ingrid Horák-Terra
14:10 – 14:20	1785	Environmental setting of the early irrigation in Oasisamerica: paleopedological evidences from the alluvial paleosols in la Playa/Sonoran Desert	Georgina Ibarra
14:20 – 14:30	1284	Geochemical signals of pedogenic processes in the profiles of surface and buried soils at the Nozha-Var archaeological site, European Russia	Elena Aseeva
14:30 – 14:40	357	Late Pleistocene Paleosols of Serra da Mantiqueira, southeastern Brazil: pedological processes and genesis conditions	Sheila A. C. Furquim
14:40 – 14:50	707	Paleoenvironmental reconstitution by stable C and N isotopes in a mountain tropical peatland, Minas Gerais State - Brazil	Camila Rodrigues Costa
14:50 – 15:00	1232	Palynofacies and carbon isotope analysis as indicators of pedogenesis and paleoenvironmental changes of upper montane soil in Espírito Santo State, Brazil.	Eduardo Carvalho da Silva Neto
15:00 – 15:10	2423	Pedogenic carbonate crusts (caliches) in tropical karst landscapes as archives for paleoenvironmental reconstructions - a case study from Yucatan Peninsula, Mexico)	Daisy Valera Fernández



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