



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

Monday (Aug, 13)		TOTEN 1	
C1.1.1 C1.1.2		Using soil morphology and micromorphology Structural indicators of soil quality using X-ray computed tomography	
Schedule	ID	Title	Presenter
13:30 – 13:40	3146	Effect of wetting and drying cycles in genesis of cohesive soil horizons from north-east Brazil	Juliana Matos Vieira
13:40 – 13:50	2771	Hydraulic-energy indices and functions associated with micromorphological analysis to evaluate soil structure under integrate crop-livestock system	Aline M. Huf dos Reis
13:50 – 14:00	2731	Micromorphological comparison of impacted and non-impacted soils un the Sonora River Basin: case of Buenavista del Cobre mine	Maria Yazmin Rivera-Uria
14:00 – 14:10	3194	Micromorphological study of Thionic Technosols formed of mine tailings: case of ecological restoration of Peña Colorada, Colima Mexico.	Jaime Diaz-Ortega
14:10 – 14:20	1293	Micromorphology of soils erosion processes in applied urban expansion area of the coastline north of Maceió-AL	Samuel Vitor Oliveira dos Santos
14:20 – 14:30	1198	Micromorphology of the superficial horizons of the Yellow Red Acrisol subject to cattle grazing	Antonio Soares da Silva
14:30 – 14:40	2998	Soil micromorphometric analysis as indicator of the subsurface erosive process genesis	Nayana Alves Pereira
14:40 – 14:50	2516	Assessing the consequences of improved plant water use efficiency on soil structure using X-Ray computed tomography	Tinashe Mawodza
14:50 – 15:00	2689	Assessing the impact of soil-seed contact on water relations for efficient seed germination using X-ray Computed Tomography	Sebastian Blunk
15:00 – 15:10	2719	Mitigation of soil compaction by the use of cover crops in compacted Oxisol	Altamir Mateus Bertollo



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