



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 3

Monday (Aug, 13)		Room "Galápagos I"	
C3.2.3 C3.2.4		Artificial drainage systems: maintaining soil functions and protecting water resources	
		Nutrient and contaminant transport in drained soils	
		Convener: Bernd Lennartz, Agricultural and Environmental Sciences, University of Rostock, D-18055 Rostock, Germany, E-mail: bernd.lennartz@uni-rostock.de	
		Co-Convener:	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	1013	Efficiency of surface drainage systems in the reduction of water erosion on graveled forest roads	Helen Michels Dacoregio
15:55 – 16:10	1900	Environmental assessment of the Romão dos Reis basin, Viçosa, MG: case study	Saulo Henrique Barroso
16:10 – 16:25	1052	Effect of organic matter amendments on nitrate leaching losses from livestock urine	Brendon Malcolm
16:25 – 16:40	1213	The impact of water erosion on the organic carbon export from agricultural soil	Manninen Noora
16:40 – 16:55	1415	Phosphorus runoff losses from two land uses in the Santa Lucia River Basin, Uruguay.	Verónica Piñeiro
16:55 – 17:10	1569	Evaluation of total and soluble phosphorus concentrations in the Arroio Lajeado Ferreira catchment during a rainfall event	Tauris Santos Rangel
17:10 – 17:25	1642	Typical degradation parameters of base-flow water quality	Franciele de Bastos
17:25 – 17:40	1748	Increase of land slope or pig slurry rate rises phosphorus losses by runoff	Daniel João Dall Orsoletta
17:40 – 17:55	2057	Solid Cattle Manure Less Prone to Phosphorus Loss in Tile Drainage Water	Tiequan Zhang
17:55 – 18:10	--	Closing	Conveners



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