



**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 SYMPOSIUM – DIVISION 3

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



International Union of Soil Sciences



**Brazilian Soil Science Society**



2015  
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