



**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 3

Tuesday (Aug, 14)		TOTEN 54 – EXTRA Division 3	
<b>C3.3.4</b>		Greenhouse gases emissions associated with fertilizer use	
<b>C3.3.5</b>		Soils for mitigating global warming: greenhouse gas emission reduction and/or enhancing carbon	
<b>C3.5.3</b>		Frontier of soil quality evaluation after remediation of contaminated field	
<b>C3.3.10</b>		Beneficial management practices for sustaining soil fertility	
<b>C3.3.2</b>		Nutrient budgets in agricultural soils	
<b>C3.1.2</b>		Multi-scale and multi-domain approaches to develop smart farming	
<b>C3.6.3</b>		Salinity management and remediation of salt-affected soils	
Schedule	ID	Title	Presenter
13:30 – 13:40	1673	Mitigation alternatives of the soil nitrous oxide emission associated with eucalyptus nitrogen fertilization	Mariana Alves Ibarra
13:40 – 13:50	844	Effects of Elevated Atmospheric CO <sub>2</sub> on Soil Organic Carbon in Rice Paddy Field	Jianguo Zhu
13:50 – 14:00	227	Effect of diesel and engine oil on the growth and yield of tomato ( <i>Lycopersicon lycopersicum</i> )	S. Amhikian
14:00 – 14:10	428	Effects of Agricultural wastes on Potassium Quantity - Intensity parameters of some soils in Ogun - state, South / Western, Nigeria	Adebimpe Abidemi Taiwo
14:10 – 14:20	1086	Potential of Dichlorodiphenyldichloroethylene (DDE), and Dichlorodiphenyldichloroethane (DDD) degrading endophytic bacterial strains in enhancing phytoremediation	Ahmad Mahmood
14:20 – 14:30	3239	Changes in soil phosphorus balance and phosphorus use efficiency in long-term fertilizer application experiment conducted on agriculturally-used Chernozem soils in Germany	Dirk Freese
14:30 – 14:40	1780	Spatial-temporal variability of available phosphorus in integrated crop-livestock systems in lowlands	Mateus Westerhofer Goulart
14:40 – 14:50	3078	Soybean crop expansion versus slope and soil in the Brazilian Pampa Biome through a GIS	Aline Warnke Hipólito
14:50 – 15:00	1649	Relationships between nitrous oxide emission and soil microbial activity under different irrigation modes and nitrogen treatments	Fusheng Li
15:00 – 15:10	1656	Changes of soil salinity in Saemangeum reclaimed land with the passage of time	Jinhee Ryu



International Union of Soil Sciences



**Brazilian Soil Science Society**



2015  
International  
Year of Soils