



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 2

| Thursday (Aug, 16) | | Room "Oceania IX e X" | |
|--------------------|------|--|-----------------------------------|
| C2.2.3 | | Soil and water pollution: dynamics and evaluation - II | |
| | | Convener: Dr. Leônidas Carrijo Azevedo Melo, Universidade Federal de Lavras, Lavras, Brazil | |
| | | Co-Convener: Dr. Clístenes Williams Araujo do Nascimento, Universidade Federal Rural de Pernambuco, Recife, Brazil Luís Reynaldo Ferracciú Alleoni, USP - Escola Superior de Agricultura Luiz de Queiroz, Piracicaba, Brazil | |
| Schedule | ID | Title | Presenter |
| 15:30 – 15:40 | -- | Opening | Conveners |
| 15:40 – 15:55 | 705 | Nitrogen removal in shallow groundwater below three arable land systems in a high nitrogen loading region | Xiaoyuan Yan |
| 15:55 – 16:10 | 2544 | Derivation of soil thresholds for arsenic applying species sensitivity distribution | Changfeng Ding |
| 16:10 – 16:25 | 3172 | Determination of porosity in charcoal through relaxometry. | Dalila Araújo Lopes |
| 16:25 – 16:40 | 1807 | Lead pollution of an ephemeral waterway draining an arid-zone mining town in New South Wales, Australia | Karin Azzam |
| 16:40 – 16:55 | 2556 | Relative efficiency of <i>Typha latifolia</i> and <i>Brachiaria mutica</i> hydrophytes in engineered constructed wetland for treating domestic wastewater. | Manjunatha Hebbara |
| 16:55 – 17:10 | 484 | High temperature industrial biochar from industrial processes for mine soil remediation | Gustavo Gutiérrez-Fernández |
| 17:10 – 17:25 | 2353 | Metal accumulation in soils adjacent to Via Dutra, Rio de Janeiro | Cassiano Augusto Rolim Bernardino |
| 17:25 – 17:40 | 1476 | Impact of floating aquatic vegetation suppression on water quality and canal sediment properties in south Florida | Samira Daroub |
| 17:40 – 17:55 | 1322 | Pesticide load onto soils at a national scale using combination of remote sensing and coarse statistical data and its impact on groundwater quality | Vit Kodes |
| 17:55 – 18:10 | -- | Closing | Conveners |



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