



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

Thursday (Aug, 16)		TOTEN 37	
C3.3.10 C3.3.11		Beneficial management practices for sustaining soil fertility Biochar for soil fertility management	
Schedule	ID	Title	Presenter
13:30 – 13:40	3025	Sugarcane straw decomposition as a function of quality and quantity of green tops and dry leaves associated with climate conditions	Lauren M. S. Menandro
13:40 – 13:50	1382	Spatial variability of teak leaf nutrition on a farm in the State of Pará	Jeane Oliveira da Silva
13:50 – 14:00	1207	Accumulation of macronutrients and dry mass in winter cover crops after application of forest biomass ash	Gabriela Naibo
14:00 – 14:10	1105	Adsorption isotherms for different kind of designer biochar.	Yuki Moriyama
14:10 – 14:20	923	Biochar and biochar-treated poultry litter compost can reduce greenhouse gas emissions and leaching of inorganic nitrogen from soils	Eunice Agyarko-Mintah
14:20 – 14:30	1877	Biochar impacts on earthworm and bacterial communities in two long-term field experiments in Finland	Jure Zrim
14:30 – 14:40	1469	Biochar improves productivity of degraded pasturelands in Brazil: environmental and socio-economic analysis	Agnieszka Latawiec
14:40 – 14:50	2119	Biochar preparation for returning nutrients to soil	Stella Cristiani Gonçalves Matoso
14:50 – 15:00	741	Characterization of biochars produced from different animal manures and crop straws	Qamar Sarfaraz
15:00 – 15:10	2827	Crop yield and greenhouse gas emissions from sugarcane systems in Brazil: effects from biochar amendment with organic fertilizers	Tatiana F. Rittl



International Union of Soil Sciences



Brazilian Soil Science Society



2015
International
Year of Soils