



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

Tuesday (Aug, 13)		Room "Aruba I"	
WG14		Acid Sulfate Soils	
		Convener: Leigh Sullivan, Acid Sulfate Soil Commission, Office of the Deputy Vice-Chancellor (Research and Innovation), Victoria, Australia, E-mail: l.sullivan@federation.edu.au	
		Co-Convener: Peter Österholm, Åbo Akademi University, Department of Geology and Mineralogy, Domkyrkotorget, Finland, E-mail: posterho@abo.fi	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	198	Sulfidization process in Acid Sulfate Soils of Senegal, West Africa	Fall A. C. A. Lamine
15:55 – 16:10	449	Effects of calcium carbonate and peat addition on agricultural acid sulfate soil microbiology and geochemistry	Eva Högfors-Rönnholm
16:10 – 16:25	692	Decomposition of organic matter during remediation of an acid sulfate soil	Angelika Koelbl
16:25 – 16:40	1009	Severe and sustained soil and water acidification following the Millennium Drought in the lower Murray-Darling Basin, Australia	Luke Mosley
16:40 – 16:55	1072	Modeling the acidifying potential for acid sulfate soils	Anton Boman
16:55 – 17:10	1100	Reducing release of acidity and metals from agricultural acid sulfate soils with hydrochemical precision treatment	Krister Dalhem
17:10 – 17:25	1229	How much peat should be left to protect underlying sulfidic mineral soil in peat extraction sites?	Miriam Nystrand
17:25 – 17:40	2758	Investigating the legacy of trace metals and REEs mobilised from acid sulfate soils during an extreme drought and evaluating their application as a palaeodrought proxy.	Thomas Job
17:40 – 17:55	836	New Developments in Precision Chemical Treatment of Acid Sulfate Soils	Sten Engblom
17:55 – 18:10	--	Closing	Conveners



International Union of Soil Sciences



SLCS



Brazilian Soil Science Society



2015
International
Year of Soils