

2018 National Soils Conference

Special Symposium Wednesday 21st November

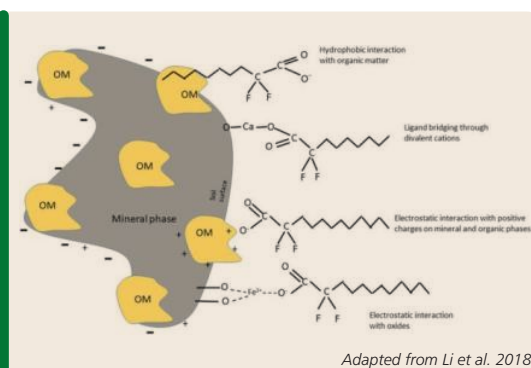
"PFASs in soils – behaviour, fate, risks and remediation"

Convened by Soil Science Australia's Certified Professional Soil Scientist (CPSS) scheme

When: 9.30am-4.00pm, Wednesday
21st November 2018

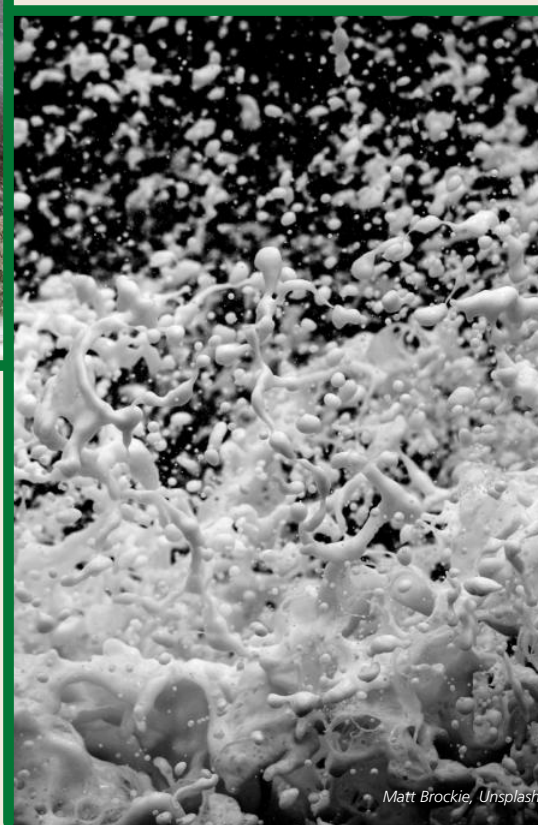
Where: Hyatt Hotel Canberra

Registration: <http://soilscienceconference.org.au/program-and-speakers/pfas-in-soils-workshop-behaviour-fate-risks-and-remediation/>



Soil contamination by poly- and perfluorinated alkyl substances (PFAS) is a serious issue worldwide, and Australia is taking an active role in leading the emerging science on assessment and remediation of these compounds in soils. The knowledge about fate and behaviour of PFAS in the soil environment is currently inadequate but is rapidly growing.

This workshop aims to bring national and international experts in the analysis of PFAS, assessment of soil contamination and remediation of PFAS-contaminated soils in order to bring together the latest knowledge and understanding on this topic.



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Programme

0915-0950	Registration/tea/coffee
0950-1000	Prof. Mike McLaughlin (CPSS) , University of Adelaide, Australia Welcome and introduction
1000-1045	Prof. Chris Higgins , Colorado School of Mines, Boulder, CO, USA "PFAS chemicals in soils – assessment and fate"
1045-1115	Mr Daniel Slee , Australia's National Measurement Institute, Sydney, Australia "Measurement of PFAS in soil, an analytical and quality perspective"
1115-1145	Mr Andrew Mitchell , Australian Department of Defence, Canberra, Australia "Is ASLP the right test to use to assess the propensity of a soil to generate PFAS leachate?"
1145-1215	Dr Rai Kookana , CSIRO Land and Water/ University of Adelaide, Australia "Predicting sorption and mobility of PFASs in soils"
1215-1245	Assoc. Prof. Jinxia Lin , McGill University, Canada "What we know and do not know about the transformation of PFAS precursors in microbial systems"
1245-1345	Lunch break/networking
1345-1415	Prof. Jochen Mueller , University of Queensland, Australia "PFAS-properties and how they affect bioaccumulation from soil and remediation efforts"
1415-1445	Dr Rachel Casson , AECOM, Sydney, Australia "Transformation of PFAS Precursors in Soils at an Australian Air Force Base"
1445-1515	Mr Andrew Thomas , Enviropacific, Brisbane, Australia "Clean-up of PFAS chemicals in soil: influence of PFAS and soil properties on remediation efforts"
1515-1530	Poster Blitz – 3 minute presentations (1) Dr Richard Stewart (Ziltek), (2) Dr Danielle Toase (Arcadis), (3) Mr Phil Mulvey (EES), (4) Mr John Massie (Western Env.), (5) Dr Louise Cartwright (Lendlease)
1530-1600	General Discussion/Close
1600	Networking Drinks

Registration:

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