



中山大學
SUN YAT-SEN UNIVERSITY



Griffith
UNIVERSITY

2017 2nd Australia-China Joint Workshop on Soil and Food Security

第二屆中-澳土壤與食品安全聯合研討會



Workshop Brochure

24th–25th April, 2017 | Sun Yat-sen University, Guangzhou

2017年4月24-25日 | 中山大学 · 广州

● Welcome Message ●

Dear Friends and Colleagues,

Welcome to the 2nd Australia-China Joint Workshop on Soil and Food Security, to be held on April 24-25th, 2017, in Guangzhou, P.R. China.

We hope that this workshop will provide a platform for scientists and researchers from both China and Australia to exchange research findings. The ultimate goal of the workshop is to promote the collaboration among all participants.

The workshop is jointly hosted by the School of Environmental Science and Engineering, Sun Yat-sen University and



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Chairs		Chair
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Committee Members

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Committee Members

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Important dates

Program	Date
Arrival	April 23
Registration	April 24

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April 24 (Monday, 3rd floor, Conference Room 1, Kai Feng Hotel)

Time	Presentation Title	Presenter	Chair
14:30 - 14:50	Evidence and consequence of a highly adapted clonal haplotype within the <i>Ascochyta rabiei</i> population to the Australian chickpea industry	Rebecca Ford	Yetao Tang
14:50 - 15:10	Photocatalytic Conversion of CO2 with Water to Hydrocarbon under Visible Light	Chun He	
15:10 - 15:30	Chlorination-UV Process for Decomposition and Detoxification of Microcystin-LR	Xinran Zhang	
15:30 - 15:50	Catalytic conversion of biomass-derived monomers using metal catalysts synthesized by chemical fluid deposition	Kai Yan	
15:50 - 16:10	Synergism of microbes and zero-valent iron for the degradation of brominated flame retardants	Xingxing Peng	
16:10 - 16:40	Coffee/Tea		
16:40 - 17:00	Emerging contaminants in water: occurrence and removal technologies	Xin Yang	Tim Ryley
17:00 - 17:20	Photocatalytic Water Treatment Technology	Chuanhao Li	
17:20 - 17:40	Characterization of Pure cultures of Sludge Bacteria for mitigating Biofouling in MBRs	Maddela Naga Raju	
17:40 - 18:00	Interactions between algal and natural organic matter: Impacts on their photodegradation in wate	Xiaofang Yang	
18:00 - 18:20	Impact of 19 years harvest residue retention on soil C and N pools and bacterial communities in sub-tropical Australia	Yaling Zhang	
18:30 - 21:00	Dinner (3 rd floor, Room 305, Kaifeng Hotel)		

April 25 (Tuesday, 3rd floor, Conference Room 1, Kai Feng Hotel)

Time	Presentation Title	Presenter	Chair
08:30 - 08:50	Stable isotope fractionation associated with Zn/Ni uptake and transport in higher plants	Yetao Tang	Renduo Zhang
08:50 - 09:10	Recent developments and promising opportunities for integrating the stable isotope technologies to study carbon and nitrogen cycling processes in terrestrial ecosystems	Zhihong XU	
09:10 - 09:30	Application of sludge derived biochar for soil remediation	Weihua Zhang	
09:30 - 09:50	Colloid-facilitated transport of functionalized multi-walled carbon nanotubes in a natural soil	Miaoyue Zhang	
9:50 - 10:10	Revegetation strategies for seawater neutralized bauxite residue at Rio Tinto Alcan using various plant species	Yaying Li	
10:10 - 10:40	Conference Break		
10:40 - 11:00	Photocatalytic carbon cycling for controlling organic pollution and reducing CO2 emission	Shengwei Liu	

Rebecca
Ford

2017

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