



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 | 中山大學 · 廣州

● 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 Environmental Futures Research Institute, Griffith University.

Welcome to Guangzhou!

Sincerely yours,

Prof. Rongliang Qiu School of Environmental Science and Engineering
Sun Yat-sen University

Prof. Zhihong Xu Environmental Futures Research Institute
Griffith University



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● Committee ●

Steering Committee		Organizing Committee (Sun Yat-sen University)
<i>Chairs</i>		<i>Chair</i>
Zhihong Xu	Griffith University	Rongliang Qiu
Rongliang Qiu	Sun Yat-sen University	

Committee Members

Ned Pankhurst	Griffith University
Duoren Zhang	Sun Yat-sen University
Robert Sang	Griffith University
Lianpeng Sun	Sun Yat-sen University
Tim Ryley	Griffith University
Yetao Tang	Sun Yat-sen University
Huijun Zhao	Griffith University
Xin Yang	Sun Yat-sen University
Rebecca Ford	Griffith University
Chun He	Sun Yat-sen University
Jeremy Brownlie	Griffith University
Shengwei Liu	Sun Yat-sen University
Dian Riseley	Griffith University
Shizhong Wang	Sun Yat-sen University

Committee Members

Duoren Zhang
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Shengwei Liu
Shizhong Wang
Huang Huang
Zhuobiao Ni
Miaoyue Zhang
Yanhua Yang

Important dates

Program	Date	Venue
Arrival	April 23	Kaifeng Hotel, South Campus, SYSU
Registration	April 24	Kaifeng Hotel, South Campus, SYSU
Session	April 24-25	Kaifeng Hotel, South Campus, SYSU

Meals

Meal	Time	Venue
Lunch	April 24	1 st floor, Western Restaurant, Kaifeng Hotel
	April 25	3rd floor, Room 305, Kaifeng Hotel
Dinner	April 24	3rd floor, Room 305, Kaifeng Hotel
	April 25	3rd floor, Room 306, Kaifeng Hotel

Speaker's Information

1. Please upload your PPT to the platform computer in the morning on the day of your presentation at the latest.
2. All presentations are scheduled at 20 minutes intervals. During the 20 minutes, plan to speak 12-15 minutes, leaving 5 minutes for questions and comments, and 1 minute for transition to the next speaker.
3. All participants: please keep your cellphone on mute during the workshop.

Contact us

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Miaoyue Zhang	+86 13711573890	zhangmy53@mail.sysu.edu.cn

● Workshop Agenda ●

April 24 (Monday)

Time	Program	Venue
08:30 – 9:00	Registration	Hotel Lobby

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

Time	Presentation Title	Presenter	Chair
09:00 - 09:10	Opening Ceremony	Leader of Sun yat-sen university	Rongliang Qiu
09:10 - 09:20		Ned Pankhurst	
09:20 - 09:30		Rongliang Qiu	
09:30 - 09:40		Zhihong Xu Tim Ryley	
09:40 - 10:10	Group Photo-coffee/tea		
10:10 - 10:35	Theme Report	Shizhong Wang	Zhihong Xu
10:35 - 10:55	Strong-field laser research at Griffith University	Robert Sang	
10:55 - 11:15	The CO ₂ balance processes of terrestria ecosystems under the climate change	Renduo Zhang	
11:15 - 11:35	Major research themes and developments of the Centre for Clean Environment and Energy	Huijun Zhao	
11:35 – 12:25	Collabration Discussion		
12:25 - 14:00	Lunch (1 st floor, Western Resterant)		

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)		

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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 fuctionalized 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 amendments	Yaying Li	
10:10 - 10:40	Coffee/Tea		
10:40 - 11:00	Photocatalytic carbon cycling for controlling organic pollution and reducing CO2 emission	Shengwei Liu	Rebecca Ford
11:00 - 11:20	Bioremediation of chlorinated ethenes in aquifer thermal energy storage	Zhuobiao Ni	
11:20 - 11:40	Antagonistic effects of nitrification inhibitor 3,4-dimethylpyrazole phosphate and fungicide iprodione on net nitrification in an agricultural soil	Manyun Zhang	
11:40 - 12:00	The diversity of N ₂ O reducing microbial communities in forest soils along a temperature gradient	Bo Wu	
12:00 - 12:20	Nearly a decade-long repeatable seasonal diversity patterns of bacterioplankton communities in the eutrophic Lake Donghu (Wuhan, China)	Qingyun Yan	

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April 25 (Tuesday, 1st floor, B103, SESE, East Campus, SYSU)

Time	Program	Presenter
14:30-15:30	Graduate students + young teachers (how to publish papers in international journals, the review process, how to select topics for SCI publication)	Zhihong Xu
15:30-16:00	Coffee/Tea	
16:00-17:00	Undergraduate (joint training); The introduction of Griffith University (excellent doctoral students - CSC + Australia funds)	
18:00 - 20:30	Dinner (3 rd floor, Room 306, Kaifeng Hotel)	

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