



Announcement

4th GLOBAL WORKSHOP ON

Proximal Soil Sensing

---- Sensing soil condition and functions

HANGZHOU, CHINA MAY 12th -15th 2015

<http://www.gwpss2015.com>

Important dates in 2014 and 2015

Nov.01,2014	-Registration and abstracts submission open
Feb.16,2015	-Deadline for abstracts
Feb.23,2015	-Notification of acceptance
Feb.28,2015	-Deadline for early registration
Mar.31,2015	-Deadline for extended abstract

Registration

Category	Early registration		Registration	
	Before Feb.28,2015		After Feb.28,2015	
	Overseas	Domestic	Overseas	Domestic
Regular	USD 400	RMB2000	USD 500	RMB2500
Student	USD 250	RMB1000	USD 350	RMB1500
Accompanying person	USD 250	RMB1000	USD 350	RMB1500

Broad topics for submission of abstracts

PSS of soil condition	In situ measurements of soil properties
Proximal sensing of soil carbon and biota	Sensor data processing and fusion
Soil sampling strategy and soil sensing	Sensor-based digital soil mapping

Program

Day1 (May 12,2015) Check in	Day 2 (May 13, 2015) Indoor oral and poster sessions
Day 3 (May 14, 2015) Field excursion	Day 4 (May 15, 2015) Indoor oral and poster sessions
Day 5 (May 16, 2015) Training Course (For some participants)	
* Welcome Reception (drinks & a light dinner): May 13, 17:30-19:30	
* Gala Dinner (an excellent dinner at a famous restaurant next to West Lake): May 14, 17:30-19:00	
* Impression of West Lake (a grand open-air show upon the West Lake): May 14, 19:15-20:15	

Keynote speakers

Richard Webster	Field sampling for Proximal Soil Sensing
Immo Trinks	State-of-the-art geophysical archaeological prospection and virtual archaeology
Abdul Mounem Mouazen	Advances in Field Spectroscopy for Soil Analyses

International scientific committee

Viacheslav Adamchuk (Canada)	Jose Dematte (Brazil)	Robin Gebbers (Germany)	
Yong He (China)	Carolyn Hedley (New Zealand)	Hakjin Kim (Korea)	
Abdul Mouazen (UK)	Zhou Shi (China)	Axing Zhu (USA)	Ken Sudduth (USA)
Marc Van Meirvenne (Belgium)	Raphael Viscarra Rossel (Australia)	Ganlin Zhang (China)	

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Zhejiang ecenter IT Information Technology Co., Ltd.

For more information contact: pss2015@163.com

Website: www.gwpss2015.com

Field Excursion

Field Excursion in Zijingang Campus, ZJU



Field Excursion at West Lake



Hands-on Course

Sensors as Data Sources and Data Acquisition Methods

By Dr Zhou Lianqing and Dr Nie Pengcheng

Date: *May 16 (Saturday)*

Time: *9:00-11:30 am*

Location: *Room 582, Main Building of the College of Environmental and natural Resources*

Aims of this seminar

Allow participants to familiarize and understand a variety of data resources and data acquisition methods. We will take a typical data logger (CR1000、CR2000 produced by Campbell Scientific Co. Ltd) as an example.

Structure of this seminar

30minutes lecture on digital sensors, including standard protocols sensors and non-standard protocol sensors

30 minutes lecture on analog and pulse sensors

60 minutes operation lecture about how to communicate with a data logger

30 minutes discussion and tea break

Data Processing using R Software

By Dr Zhou Lianqing and Dr Ji Wenjun

Date: *May 16 (Saturday)*

Time: *13:30-16:30 am*

Location: *Room 582, Main Building of the College of Environmental and natural Resources*

Aims of this seminar

Develop participants' skills in spectral data processing and model building using R software.

Structure of this seminar

60minutes lecture on how to download and install R software and useful packages

45 minutes lecture on how to deal with spectral data using R software

45 minutes lecture on how to make graph using R software

30 minutes discussion and tea break

Note

Participants should bring your laptop with R and R Studio pre-installed. Alternatively, you might follow the course offline because a script is handed to you in paper form