

**2nd Announcement: Submission of  
Abstracts**

**The 1<sup>st</sup> International  
Conference on  
Contaminated Land,  
Ecological Assessment  
and Remediation  
(CLEAR 2012)**



**4 - 8 November 2012**

**Organized by the**

**School of Environmental and Resource  
Sciences, Zhejiang A & F University,  
Lin'an, Zhejiang Province, China**

**&**

**CRC CARE - Contamination Assessment  
& Remediation of the Environment,  
Adelaide, Australia**

**SPONSORS**

- CRC for Contamination Assessment and Remediation of the Environment, Australia
- Institute of Soil Science, Chinese Academy of Sciences
- Croucher Institute for Environmental Sciences, Hong Kong Baptist University

**INTERNATIONAL ORGANIZING  
COMMITTEE**

- Ravi Naidu (Australia) - Co-Chairman
- Jack Ng (Australia)
- Minghung Wong (China) – Co-Chairman
- Zhihong Cao (China)
- Lee Newman (USA.)
- Brian Shutes (UK)
- Kyoung-Woong Kim (S Korea)
- Yong-Sik Ok (S Korea)

**LOCAL ORGANIZING COMMITTEE**

- Zhihong Cao (Co-Chairman)
- Bin Chen
- Yafei Chen
- Huaqiang Du
- Peikun Jiang
- Song Li
- Pang Liang
- Minghung Wong (Co-Chairman)
- Shengchun Wu
- Miaoxian Zhang
- Shan Zhou

**PROVISIONAL PROGRAMME**

**WORKSHOP: Modern Techniques in Risk  
Assessment & Remediation - 5 Nov 2012**

Postgraduate and final year undergraduate students are encouraged to attend.

	Topic	Speaker
1	General introduction	Minghung Wong (ZAFU)
2	Environmental geochemistry and health	Brian Davies (Clemson University)
3	How do we assess contaminated sites, characterize risk and plan remedial options?	Ravi Naidu (CRC CARE)
4	Health risk assessment framework: the use of bioavailability and bench mark dose approaches	Jack Ng (University of Queensland)
5	Phytoremediation of heavy metal contaminated sites: exploiting the “love-hate” relationship in plants	Alan Baker (Sheffield University)
6	Phytoremediation of organic contaminated sites: how to overcome problems and measure success	Lee Newman (Brookhaven National Laboratory)
7	Constructed wetlands and vegetated systems for water pollution control	Brian Shutes (Middlesex University)

**CONFERENCE: 6, 7 & 8 Nov 2012** These titles have been provided by senior scientists, and will serve as key papers of different sessions. Many more titles are also available which have not been listed and suggestions for new sessions would be welcomed.

<b>Scientific Session</b>
<b>1. Environmental geochemistry</b>
Sources, fates and effects of environmental pollutants (Brian Davies, USA)
Environmental geochemistry of ancient paddy soils (Neolithic age) (Zhihong Cao, China)
<b>2. Remediation techniques</b>
Advances in contaminated site remediation technologies (Ravi Naidu, Australia)
Advanced GIS spatial analyses of contaminated land (Chaoseng Zhang, Ireland)
<b>3. Risk assessment</b>
Human and ecological risk assessment of mine waste (Jack Ng, Australia)
Assessment of pollutants in dust and related health issues (Amjad Shraim, Australia)
Mercury pollution in Hg mining areas in Guizhou & health risks (Xinbin Feng, China)
Surface sediment quality & risk assessments in the Yangtze River Delta (Shen Yu, China)
<b>4. Phytoremediation: Basic principles</b>
Using plants to address environmental problems (Lee Newman, USA)
Future-proofing clean green intensive agriculture (Nick Dickinson, NZ)

<b>5. Biofuel and biochar</b>
Production of biofortified products and biofuel from poor quality soils (Gary Banuelos, USA)
Green remediation by biochar (Yong-Sik Ok, S Korea)
<b>6. Phytostabilization</b>
Cover systems and phytostabilization of mine and landfill waste (Alan Baker, UK)
Phytostabilization of mined land and waste: soil-plant system approaches (Longbin Wang, Australia)
<b>7. Chelant phytoremediation</b>
The use of chelants in phytoremediation of contaminated sites (Xingdong Li, China)
<b>8. Rhizosphere remediation</b>
Rhizosphere remediation: experiences and perspectives (Yongguan Zhu, China)
<b>9. Metal contaminated sites</b>
Remediation of As contaminated soils in metal mining areas (Kyoung-Woong Kim, S Korea)
<b>10. Constructed wetlands</b>
Ecological engineering of urban wetland for wastewater treatment (Brian Shutes, UK)
<b>11. Emerging problems</b>
E-waste recycling: impacts & management (Minghung Wong, China)

**POSTER SESSION:** Three awards will be given to the postgraduate students with the best posters of the conference, based on scientific merit.

## CONFERENCE VENUE



Zhejiang A & F University,

Lin'an, China.

<http://en.zafu.edu.cn/>

## TRANSPORT TO VENUE

The closest airport to the venue is the Hangzhou Xiaoshan International Airport, which is located about an hour away from Lin'an. Transportation will be provided between the airport and the conference venue.

## FIELD TRIP

There will be a one day excursion for those wishing to join, to the nearby city of Hangzhou, renowned for its beautiful natural scenery. More information will be provided in the 3<sup>rd</sup> and final announcement (July 2012).

## HOTEL RESERVATIONS

There are several good hotels in Lin'an, and arrangements can be made for possible group bookings (with prices ranging from 40 to 50 USD/day). More information will be provided in the 3<sup>rd</sup> and final announcement (July 2012).

## ABSTRACT SUBMISSION

Please provide an abstract of 150 to 250 words in normal, plain font text (e.g. 12-point Times New Roman), which should not contain any undefined abbreviations or unspecified references. Italics should be used for emphasis.

A title page is also required including: the name(s) of the author(s); a concise and informative title; the affiliation(s) and address(es) of the author(s); and the e-mail address, telephone and fax numbers of the corresponding author.

**Please submit abstracts (with registration) by 30 May 2012**

## SPECIAL ISSUES

Selected papers (poster and oral presentations) will be published in the special issue of Environmental Geochemistry and Health (<http://www.springerlink.com/content/100162>)

There is also a possibility of publishing presented papers as special issues of other journals, such as International Journal of Phytoremediation, Science of Total Environment, Chemosphere, and Botanical Review.

## REGISTRATION FEE

Conference Fee	Early Registration	Late Registration
Standard	300USD	350USD
Student	150USD	200USD
(Workshop only)	80USD	100USD

N.B. Early registration deadline: 15 Aug 2012

## KEY DATES AND DEADLINES

- Initial registration: 10 March 2012
- Abstract submission: 30 May 2012
- Notification of acceptance: 30 June 2012
- Early registration: 15 Aug 2012
- Hotel reservations: 15 Aug 2012

## CONTACT DETAILS

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## REGISTRATION

**There is no need to send your registration again for those who have already done so.**

Name \_\_\_\_\_

Title/Position \_\_\_\_\_

Affiliation(s) \_\_\_\_\_

\_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Email Address \_\_\_\_\_

Tel. No. \_\_\_\_\_

Fax. No. \_\_\_\_\_

Tentative Title for Presentation: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Oral or Poster Presentation? \_\_\_\_\_

Interested in Special Issue(s)? \_\_\_\_\_

Interested in Organizing a Scientific Session? \_\_\_\_\_

Tentative Session Title, if yes please state: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Workshop ☐ Field Trip ☐

**Please return this form by 30 May 2012, together with your abstract.**