

KSEA-KBRC International Symposium

Heavy Metal Remediation in Agricultural Ecosystems



Bioavailability-based
Soil Management Technology
for Safer Food Crop Production



Date & Time

November 15 (Thu), 2012 at 13:00 ~ 18:00

Venue

Digital Media Center (Seo Am Kwan) 1st floor
Kangwon National University, Chuncheon, Korea

Organized by



The Korean Society of Environmental Agriculture

The Korea Biochar Research Center

THURSDAY 15 NOVEMBER 2012

Time	Topics	Chairs
12:00~13:00	Registration	
13:00~13:10	Opening Ceremony	Soon Gang Yun President, The Korean Society of Environmental Agriculture, Korea
13:10~13:40	The power and limitations of synchrotron x-rays in agro-environmental research <i>Dean L. Hesterberg</i> Professor, North Carolina State University, USA	
13:40~14:10	Soil characteristics and soil management affecting the metal bioavailability and food safety of heavy metal contaminated soils in Taiwan <i>Zueng-Sang Chen</i> Distinguished Professor, National Taiwan University, Taiwan	Jae E. Yang Professor, Kangwon National University, Korea
14:10~14:35	Electrokinetic remediation of metal-contaminated paddy rice field <i>Kitae Baek</i> Professor, Chonbuk National University, Korea	
14:35~14:55	Coffee Break	
14:55~15:25	Soil washing for rice paddy soils contaminated with cadmium <i>Tomoyuki Makino</i> Senior Researcher, National Institute for Agro-Environmental Sciences, Japan	
15:25~15:50	Effective regulation of heavy metal uptake of crop plants using amendments in arable soil <i>Chang Oh Hong</i> Professor, Pusan National University, Korea	Jeong-Gyu Kim Professor, Korea University, Korea
15:50~16:20	Geochemical reactivity in soil as a tool to derive local and national soil standards for crop protection <i>Paul Römken</i> Senior Research Scientist, Alterra, Wageningen UR, Netherlands	
16:20~16:40	Coffee Break	
16:40~17:05	Current issues on the heavy metal contamination of agricultural fields and agro-food in Korea <i>Won-Il Kim</i> Senior Researcher, National Academy of Agricultural Science, Korea	
17:05~17:35	Arsenic sequestration in iron plaque and its effect on As uptake by paddy rice grown in soils with high contents of As, iron oxides, and organic matter <i>Dar-Yuan Lee</i> Distinguished Professor, National Taiwan University, Taiwan	Kyu Seung Lee Professor, Chungnam National University, Korea
17:35~18:00	Immobilizer-assisted management of the metal contaminated agricultural soils for safer food production <i>Kwon-Rae Kim</i> Professor, Gyeongnam National University of Science and Technology, Korea	

Location

Digital Media Center (Seo Am Kwan)
Kangwon National University,
Chuncheon, Korea



Supported by



Ministry of Environment



International Union of Soil Sciences

Registration Fee

100 USD or 100,000 won