

A Shifting Paradigm
towards Advanced Materials and
Energy/Environment Research

Asia Pacific Biochar Conference 2016



Biochar Markets

October 19 — 23, 2016
Chuncheon, Gangwon Province, Korea

Greetings from the Organizer,

Welcome to the 3rd Asia Pacific Biochar Conference 2016 (APBC 2016) : A Shifting Paradigm towards Advanced Materials and Energy/Environment Research (October 19—23, 2016)! We are delighted that you join us in this momentous occasion to share scientific idea and celebrate our achievements on biochar research in Chuncheon, Gangwon Province, Korea. We wish this conference to be memorable and an excellent chance to share new knowledge based on enhancing professional relationships.

Until now, the biochar has been known as a soil amendment for fertility enhancement and contaminants' removal via a wide range application. Initial interest in biochar is to use it as a means of atmospheric CO₂ sequestration in the soils; however, recent developments are seeking for extensive applications in fields of engineering, health care and life sciences, and these strategies would lead to bring large potentials as commercialization. The 3rd APBC 2016 is devoted to the expectation of a paradigm shift towards the biochar development for next generation.

The 3rd APBC 2016 provides you well-designed opportunities to present your outstanding works to make professional collaboration, followed by first and second APBCs successfully held on the Gold Coast, Australia (May 17—20, 2009) and Kyoto, Japan (September 15-18, 2011), respectively.

Looking forward to seeing you all in Chuncheon, Gangwon Province, Korea!

Yong Sik Ok

Ph.D., Full Professor, Director
Honorable Ambassador of Gangwon Province
Korea Biochar Research Center
Kangwon National University, Korea

Chairman



Yong Sik Ok

Ph.D., Full Professor, Director
Honorable Ambassador of Gangwon Province
Korea Biochar Research Center
Kangwon National University, Korea
soilok@kangwon.ac.kr

Co-Chairs



Hailong Wang

Ph.D., Professor
School of Environmental and Resource
Sciences
Zhejiang A & F University, China



Yoshiyuki Shinogi

Ph.D., Professor
Division of Agro-environmental Sciences
Kyushu University, Japan



Longbin Huang

Ph.D., Principal Research Fellow
Centre for Mined Land Reclamation
The University of Queensland, Australia



Zueng-Sang Chen

Ph.D., Chairman, Distinguished Professor
Working Group on the Remediation of Soil and
Groundwater Pollution of Asian and
Pacific Region
Department of Agricultural Chemistry
National Taiwan University, Taiwan

Honorable Chairs

Johannes Lehmann | Ph.D., Professor

Chairman of the IBI Board, Department of Crop and Soil Sciences,
Cornell University, USA

Makoto Ogawa | Ph.D., Professor

Organizer of 2nd Asia Pacific Biochar Conference, Osaka Institute of
Technology, Japan Biochar Associate, Japan

Qimei Lin | Ph.D., Professor

Organizer of 4th International Biochar Congress, College of Resources
and Environmental Sciences, China Agricultural University, China

Speakers

Prof. Johannes Lehmann, Cornell University, USA

Prof. Stephen Joseph, University of New South Wales, Australia

Prof. Nanthi Bolan, The University of Newcastle, Australia

Prof. Longbin Huang, The University of Queensland, Australia

Prof. Bin Gao, University of Florida, USA

Prof. Yoshiyuki Shinogi, Kyushu University, Japan

Prof. Hailong Wang, Zhejiang A & F University, China

Prof. Scott X. Chang, University of Alberta, Canada

Prof. Zueng-Sang Chen, National Taiwan University, Taiwan

Prof. Filip M. G. Tack, Ghent University, Belgium

Prof. Mark G. Johnson, U.S. Environmental Protection Agency, USA

Prof. Lukas Van Zwieten, University of New England, Australia

Prof. Ming H. Wong, Hong Kong Institute of Education, Hong Kong

Prof. Weixiang Wu, Zhejiang University, China

International Organizing Committee

Prof. Yong Guan Zhu, Chinese Academy of Sciences, China

Prof. Daniel Alessi, University of Alberta, Canada

Prof. Mohammad I. Al-Wabel, King Saud University, Saudi Arabia

Prof. Marta Camps Arbestain, Massey University, New Zealand

Prof. Yasser Awad, Suez Canal University, Egypt

Prof. Zeng-Yei Hseu, National Taiwan University, Taiwan

Prof. Jim Ippolito, United States Department of Agriculture, USA

Prof. Stephen Joseph, University of New South Wales, Australia

Prof. Jeffrey M. Novak, United States Department of Agriculture, USA

Prof. Anushka Upamali Rajapaksha, National Institute of Fundamental Studies, Sri Lanka

Prof. Sumathi Sethupathi, Universiti Tunku Abdul Rahman, Malaysia

Prof. Daniel Tsang, The Hong Kong Polytechnic University, Hong Kong

Prof. Ming Zhang, China Jiliang University, China

International Scientific Committee

Prof. Nanthi Bolan, The University of Newcastle, Australia

Prof. Xinde (Rocky) Cao, Shanghai Jiao Tong University, China

Prof. Chenrong Chen, Griffith University, Australia

Prof. Yakov Kuzyakov, University of Göttingen, Germany

Prof. Dinesh Mohan, Jawaharlal Nehru University, India

Prof. Patryk Oleszczuk, University of Maria Skłodowska-Curie, Poland

Prof. Ajit K. Sarmah, University of Auckland, New Zealand

Prof. Xiangyu Tang, Chinese Academy of Sciences, China

Prof. Yu-Min Tzou, National Chung Hsing University, Taiwan

Prof. Meththika Vithanage, National Institute of Fundamental Studies, Sri Lanka

Prof. Lukas Van Zwieten, University of New England, Australia

Local Organizing Committee (Korea)

Prof. Geonha Kim, Hannam University

Prof. Eilhann Kwon, Sejong University

Prof. Kitae Baek, Chonbuk National University

Prof. Yoon-Young Chang, Kwangwon University

Prof. Young Jae Jeon, Pukyong National University

Prof. Sokhee P. Jung, Chonnam National University-Gwangju

Prof. Jin Hyo Kim, Gyeongsang National University

Prof. Sang Soo Lee, Kangwon National University

Prof. Sung Eun Lee, Kyungpook National University

Prof. Deok Hyun Moon, Chosun University

Prof. Seok-Young Oh, University of Ulsan

Prof. Hocheol Song, Sejong University

Prof. Jae Yang, Kangwon National University

Special Issue

The 3rd APBC provides you an excellent opportunity to exchange innovative ideas in the global network of a state-of-the-art biochar research. We are planning to publish special issues in outstanding international journals!

Environmental Geochemistry and Health

Guest Editors

Yong Sik Ok | Ph.D., Full Professor, Director
Honorable Ambassador of Gangwon Province, Korea Biochar Research Center, Kangwon National University, Korea

Jörg Rinklebe | Ph.D., Full Professor
Faculty of Architecture and Civil Engineering,
University of Wuppertal, Germany

Eilhann Kwon | Ph.D., Professor
Department of Environment and Energy,
Sejong University, Korea

Xiaomin Dou | Ph.D., Associate Professor
Department of Environmental Science & Engineering,
Beijing Forestry University, China

Gijs Du Laing | Ph.D., Professor
Department of Analytical & Applied Physical Chemistry,
Ghent University, Belgium

Environmental Science and Pollution Research

Guest Editors

Yong Sik Ok | Ph.D., Full Professor, Director
Honorable Ambassador of Gangwon Province, Korea Biochar Research Center, Kangwon National University, Korea

Scott X. Chang | Ph.D., Professor
Department of Renewable Resources,
University of Alberta, Canada

Hailong Wang | Ph.D., Professor
School of Environmental and Resource Sciences,
Zhejiang A & F University, China

Chemical Speciation & Bioavailability

Guest Editors

Yong Sik Ok | Ph.D., Full Professor, Director
Honorable Ambassador of Gangwon Province, Korea Biochar Research Center, Kangwon National University, Korea

Daniel Tsang | Ph.D., Professor
Department of Civil and Environmental Engineering,
Hong Kong Polytechnic University, Hong Kong

Jeffrey M. Novak | Ph.D., Soil Scientist
ARS Water and Plant Conservation Research Center,
United States Department of Agriculture, USA

Daniel Alessi | Ph.D., Professor, Encana Chair in Water Resources
Department of Earth and Atmospheric Sciences,
University of Alberta, Canada

Nutrient Cycling in Agroecosystems

Special issue subtitle

"The longer-term role of organic amendments in addressing soil constraints to production"

Guest Editors

Lukas Van Zwieten | Ph.D., Principal Research Scientist, Adjunct Professor
NSW Department of Primary Industries,
University of New England, Australia

Special Issues



- (1) Environmental Geochemistry and Health
- (2) Environmental Science and Pollution Research
- (3) Chemical Speciation & Bioavailability
- (4) Nutrient Cycling in Agroecosystems

Contact Information

Korea Biochar Research Center, Kangwon National University

Address |

1, Gangwondaehak-gil, Chuncheon 24341, Gangwon Province, Korea

Conference website | www.biochar.co.kr

Conference Secretary | apbc2016korea@gmail.com



Hosted by

KBRC Korea Biochar
Research Center



中國計量大學
CHINA JILIANG UNIVERSITY

Organized by

KNU KANGWON NATIONAL
UNIVERSITY

KBRC Korea Biochar
Research Center

Sponsored by

