Call for Abstracts

AMFR 2015

First International Conference on

All Material Fluxes in River Eco-Systems

January 15 - 18, 2015

Peking University, Beijing, China

Sponsored by

National Natural Science Foundation of China

State Key Laboratory of Hydroscience and Engineering, Tsinghua University

Shenzhen Academy of Environmental Sciences

Deadline of Abstract Submission
December 1, 2014

Scope of Conference

Healthy river eco-systems are essential for sustaining the natural environment and human society. Understanding of the material fluxes in river basins, including those fluxes that are related to water, sediment, nutrients, trace materials, living organisms, and greenhouse gases, could enable improved monitoring and restoration of river eco-systems. An overview of the current status of approaches and results necessary for accounting for all material fluxes in large rivers is thus of the utmost importance. AMFR 2015 will provide a global forum for a wide-ranging discussion of key issues related to research on all material fluxes in river eco-systems, and to their effective and sustainable management. A primary aim of this conference is to promote future collaboration between the participants on research into combined fluxes in large river systems.

Format of Conference

The conference will comprise a mixture of invited and contributed oral presentations. Potential presenters/attendees are encouraged to contact the organizing committee via AMFR2015@iee.pku.edu.cn

Conference Language

The official language of the conference is English.

Topics

AMFR 2015 will focus on the development of a detailed understanding of all material fluxes in large river systems, including fluxes of water, sediment, nutrients, trace materials (such as nanomaterials, natural organic matter, organic pollutants, and heavy metals), living organisms (including bacteria, viruses, protozoa, algae, and benthos), and greenhouse gases. The conference will also consider river health assessment, hazards and risks, and restoration of damaged river eco-systems. Particular attention will be paid to the interactions of materials in rivers; this will include data acquisition, monitoring, analysis, and management.
The topics of MFER 2015 include:

1: Water-sediment fluxes and river morphology;
2: Water quality, nutrient fluxes and cycles, energy;
3: Trace materials and living organisms in rivers;
4: Gas emission, global climate change;
5: River ecosystem heath, risk assessment, and restoration;
6: River fluxes: data capture, monitoring, and management.

Conference Site

Peking University is one of the top universities in China. Its campus, known as the garden of Yan, is situated at Haidian District in the western suburb of Beijing, and is located near the Yuanmingyuan Garden and the Summer Palace. Peking University is connected to Beijing's extensive subway system and is very conveniently situated for access to the Capital airport, primary rail stations, and many cultural and historic sites of interest including the Forbidden City and Tiananmen Square.

Peking University (PKU) embraces many diverse branches of learning such as basic and applied sciences, social sciences, the humanities, medicine, management, and education. PKU encourages multidisciplinary research on grand challenge scientific subjects, such as encountered in environmental science and engineering, and takes pride in the training of personnel with a high level of specialized knowledge and professional skill relevant to the modernization of China.

Conference Organizations

Organization

Peking University, China

Tsinghua University, China

General chairs

Jinren Ni (Peking University, China)
Guangqian Wang (Tsinghua University, China)

Co-chairs

Alistair Borthwick (University of Edinburgh, UK)
Xudong Fu (Tsinghua University, China)
Gregory Korshin (University of Washington, USA)

International Scientific Committee

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Chunhong Hu (China Institute of Water Resources and Hydropower Research, China)
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Yitian Li (Wuhan Univ., China)
Zhanbin Li (Xi'an University of Technology, China)
Cheng Liu (International Research and Training Center on Erosion and Sedimentation)
Jinren Ni (Peking Univ., China)
Guoyu Qiu (Peking Univ., China)
Kazama So (Tohoku University, Japan)
Chao Wang (Hohai Univ., China)
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Silke Wieprecht (Universität Stuttgart, DE)
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Zhifeng Yang (Beijing Normal Univ., China)
Kuihao Yin (Shenzhen Academy of Environmental Sciences, China)
Guangming Zeng (Hunan Univ., China)
Chunmiao Zheng (Peking Univ., China)
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Important Dates

Abstracts

1 December 2014 Deadline for abstract submission
10 December 2014 Notification of abstract acceptance

Registration

15 January 2015 Registration & Conference opening

Contact Information

Dr Tianhong Li and Dr Meiping Tong
Email: AMFR2015@iee.pku.edu.cn

Welcome to Beijing !