

Call for Abstracts



**AMFR 2019**

**Second International Conference on**

**All Material Fluxes in River Eco-Systems**

**October 11 – 13, 2019**

**Peking University, Beijing, China**

**Sponsored by**

**Peking University**

**State Key Laboratory of Hydrosience and**

**Engineering, Tsinghua University**

**Southern University of Science and Technology**

**Qinghai University**

**National Natural Science Foundation of China**

**Deadline of Abstract Submission**  
**August 15, 2019**

### **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. The 2<sup>nd</sup> international conference on All Material Fluxes in River Eco-systems (AMFR 2019) 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 program will comprise invited and contributed oral presentations. Potential presenters and attendees are encouraged to contact the organizing committee via [amfr2019@pku.edu.cn](mailto:amfr2019@pku.edu.cn)

### **Conference Language**

All presentations will be given in English.

### **Topics**

AMFR 2019 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) and living organisms (including bacteria, viruses, protozoa, algae, benthos, and fish). 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 AMFR 2019 include:

- ✧ Water-sediment fluxes and river morphology;
- ✧ Water quality, nutrient fluxes and cycles, energy;
- ✧ Trace materials and living organisms in rivers;
- ✧ Greenhouse gases and global climate change;
- ✧ Interactions among materials in aquatic systems;
- ✧ River health, risk assessment, and restoration;
- ✧ Natural/anthropogenic impacts on material fluxes;
- ✧ Data capture, monitoring, and management.

### **Conference Site**

Peking University (PKU) is one of the top universities in China. Its campus is located in the western suburb of Beijing and connected to Beijing's extensive subway system, which allows a convenient access to the Capital airport, primary rail stations, and many cultural and historic sites.

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 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

- ✧ **Peking University, China**  
Key Laboratory of Water and Sediment Sciences
- ✧ **Tsinghua University, China**  
State Key Laboratory of Hydrosience and Engineering
- ✧ **Southern University of Science and Technology**
- ✧ **Qinghai University**  
State Environmental Protection Key Laboratory of All Materials Flux in Rivers
- ✧ **International Joint Laboratory for Region Pollution Control**
- ✧ **Research Institute of World's Large Rivers**
- ✧ **Beijing Engineering Research Center of Advanced Wastewater Treatment**

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**Feifei Zhang** (Peking University, China)

## Important Dates

### Abstracts Submission

August 15, 2019 Deadline for abstract submission  
August 30, 2019 Notification of abstract acceptance

### Registration

October 11, 2019 On-site Registration

### Location

Zhongguan Global Village PKU, Beijing, China

### Contact Information

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*Welcome to Beijing !*