



北京師範大學  
BEIJING NORMAL UNIVERSITY



Manchester  
Metropolitan  
University

## Welcome

The Inaugural International Symposium on Water Modelling (iSymWater2019), hosted by Beijing Normal University, will be held on July 8-11, 2019 in Beijing, China. The symposium is dedicated to exchanging knowledge and ideas for modelling techniques and applications in water engineering, in order to mitigate the impacts of ever-increasing water crisis and relevant environmental pressures under climate change and to promote multi-disciplinary solutions to protection and restoration of water system and ecosystem. iSymWater2019 will cover a wide range of research topics in hydraulic, civil, environmental engineering, water environment and ecology. It will be an ideal platform for researchers, engineers and other relevant organizations such as water companies and environmental regulators to improve the management and utilization of water resource worldwide.

### Conference Chair:

Jian Guo Zhou, Manchester Metropolitan University

### Conference Co-Chairs:

Baoshan Cui, Beijing Normal University

Alistair Borthwick, The University of Edinburgh

Jianmin Zhang, Sichuan University

Jinhai Zheng, Hohai University

### Keynote Speakers

Alistair Borthwick, The University of Edinburgh, U.K.

David Hamilton, Griffith University, Australia

Jun Sasaki, The University of Tokyo, Japan

David Z.Zhu, The University of Alberta, Canada

Paul Craig, Dynamic Solutions-International, U.S.

## Themes

### Theme A: Hydraulic modelling

Session 1: Numerical methods

Session 2: Rivers, lakes and reservoirs

Session 3: Coastal and Ocean hydrodynamics

### Theme B: Hydro-environment modelling

Session 4: Surface water and groundwater hydrology

Session 5: Water quality simulation

Session 6: Sedimentation and morphology

### Theme C: Hydro-ecology modelling

Session 7: Eco-hydrology/hydraulics

Session 8: Wetland conservation

Session 9: Aquatic ecological restoration

### Theme D: Water management modelling

Session 10: Urban water management

Session 11: River basin management

Session 12: Water resource management

### Theme E: Experiment and software

Session 13: Advanced experimental techniques

Session 14: Monitoring and prototype data

Session 15: Model development and software

## Publications

All presenters are invited to submit their full papers to be peer reviewed for consideration of publications in the Special Issues of *Water* (SCI-IF 2.069) and *Journal of environmental accounting and management* (ESCI) after the conference.

**Official Website:** <http://isymwater2019.scholarbee.cn/>

## Scientific Committee

John Bridgeman	The University of Bradford
Stuart Bunn	Griffith University
John Cater	The University of Auckland
Muk Chen Ong	University of Stavanger
Jianzhong Chen	Fooyin University
Carlo Gualtieri	University of Naples
Wei Huang	China Institute of Water Resources and Hydropower Research
Magnus Larson	Lund University
Yiping Li	Hohai University
Pengzhi Lin	Sichuan University
Shu Liu	China Institute of Water Resources and Hydropower Research
William Nardin	The University of Maryland
Ling Qian	Manchester Metropolitan University
Benedict Rogers	The University of Manchester
Xinshan Song	Donghua University
Marcel Stive	Delft University of Technology
Guangzhi Sun	Edith Cowan University
Xuelin Tang	Chinese Agricultural University
Roger Wang	Rutgers University
Zhengbing Wang	Delft University of Technology
Yujun Yi	Beijing Normal University
Xiao Yu	University of Florida
Zhonglong Zhang	Portland State University

## Co-sponsored by

- ❖ National Key R&D Program of China (2018YFC1406400, 2016YFC0500402)
- ❖ International Association for Hydro-Environment Engineering and Research (IAHR)



Hosted by  
Spain Water and IWHR, China

## Important Dates

### Conference Dates:

July 8-11, 2019

### Abstract Submission:

before April 30, 2019

### Early-bird Registration:

before May 8, 2019

### On-site Registration:

from 2:00 pm-July 7, 2019

## The Inaugural International Symposium on Water Modelling

## Local Organizing Committee

**Chair:** Haifei Liu

**Co-Chairs:**

Tao Sun, Wei Yang, Dongdong Shao, Jing Qi

## Venue

Xijiao Hotel  
No.18 Wangzhuang Road,  
Haidian District, Beijing, China

# STARTS WITH YOU

*July 8-11, 2019      Beijing, China*

## Contact Us

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## Event details on

<http://isymwater2019.scholarbee.cn/>

 **iSymWater  
2019**

 **IAHR**  
International Association  
for Hydro-Environment  
Engineering and Research  
Hosted by  
Spain Water and IWHR, China