International Scientific Symposium on

Water Resources Management and Comprehensive Reclamation of River Basins

Nanjing, China 17-19 November 2017

Organized by:

Hohai University

Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences

Chang'an University

Operated by:

Hohai University	College of Hydrology and Water Resources State Key Laboratory of Hydrology-Water resources and Hydraulic Engineering National Engineering Research Center of Water Resources Efficient Utilization and Engineering Safety National Cooperative Innovation Center for Water Safety & Hydro Science Editorial Office of *Water Science and Engineering*
Chinese Academy of Sciences Nanjing Institute of Geography and Limnology	Key Laboratory of Watershed Geography

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Background:

Water-related issues are one of the major problems facing the world in the 21str century. With recent global environmental changes, increased human activities, and rapid socioeconomic development, the world has been facing new challenges on water security and water resources management. Pressing issues related to natural hazards, water resources, water environment, and aquatic ecosystems have been emerging. Climate change and urbanization have caused occurrence of abrupt hydrological extreme events more uncertain, which makes prediction and prevention of floods and droughts more challenging. Water resources availability and balance between water supply and water demand at regional to country levels have been substantially altered under global climate change, which leads to additional water security risks. Highly intensive human activities have also largely altered fluvial geomorphological processes and fluvial ecosystems, which causes more complicated aquatic and ecological problems. Urbanization and large-scale resources exploitation have deteriorated water quality of numerous water bodies, leading to severe water environment issues. Coupling and interaction of the above issues make problems more complicated. A holistic, systematic, and comprehensive review and investigation of these problems is necessary for conquering these challenges. Developing new methods and technologies for water resources management, water pollution control, and reclamation of river basins are also imperative. Studies in these areas are critical for securing water security and sustainable development for the world.

The symposium aims to promote the sharing and exchange of the state-of-the-art scientific knowledge, technologies, methods and policy approaches to watershed water resources management and comprehensive reclamation of river basins. Its overarching goal is to enhance scientific capacities of counties towards high efficient water resources utilization and management and sustainable development, and to advance knowledge and technologies for reclamation of river basins.

Topics:

1. **Water observation and information technologies and methods**
   - Radar and Satellite quantitative precipitation estimation techniques
   - Remote sensing of evapotranspiration
   - Remote sensing of soil moisture
   - Remote sensing of hydrological process
   - Water survey tools and techniques
   - Recent progress of hydroinformatics
   - Automated hydrological information monitoring technology and equipment
   - Hydrological modeling

2. **Watershed sustainability and water resources**
   - Water-related disasters

- Flood inundation and flood prevention management
- Water quality monitoring and assessment
- Climate change and water cycle change
- Sustainability of water environment
- Changes and mechanisms of basin-level hydrological cycles under changing environment
- Uncertainty of global and regional water resources
- Long-term forecasting techniques of hydrology and water resources
- Methods and techniques of efficient water resources utilization
- Theories and methods of water resources management under changing environment

3. **Urban water environment and aquatic ecology**
   - Pollution control for water resource
   - Ecohydrology and limnology
   - Changes of watershed aquatic ecology
   - Urbanization-introduced water problems
   - Theories and methods for sponge city construction
   - Monitoring of water environment and aquatic ecology
   - Method of Municipal Wastewater Treatment Based on Nano and Biotechnology

4. **Comprehensive reclamation of river basins and innovative management**
   - Water Informatics
   - Water resource management and policy
   - New technologies for sustainable development
   - Watershed wastewater and eutrophication treatment
   - River and watercourse repair
   - Planning of watershed development

Abstract Submission:

All abstracts including title, author list, affiliations, summary of your presentation, and contact information should be emailed to conference_hhu@hotmail.com.

Registration and Fees:

To register this meeting, please fill in Annex I and email it to conference_hhu@hotmail.com. Registration fees are listed below:

Registration Fees	Register Prior or On Sept. 30, 2017	Register After Sept. 30, 2017
Student Registration Fees (lunch, coffee, and welcome dinner included)	600 CNY	800 CNY
Normal Registration Fees (lunch, coffee, and welcome dinner included)	1000 CNY	1200 CNY

All registration fees can be paid during the on-site registration or beforehand. All invoices of conference fee are issued by Beijing Walter Consulting Co., Ltd.

Payee: Beijing Walter Consulting Co., Ltd

Deposit bank: Beijing Xuanwu subbranch, China Construction Bank

Bank account: 11001019500053021945

Place of Registration and Venue:

Place of Registration: International Conference Center & Hotel of Hohai University (#1 Xikang Road, Nanjing, Jiangsu)

Venue: Wentian Hall of Hohai University

Important Dates:

Call for abstracts:	12 August 2017
Deadline for abstract submission:	15 October 2017
Beginning of registration:	1 September 2017
End of registration:	15 October 2017
On-site registration:	17-18 November 2017 at the International Conference Center & Hotel of Hohai University

Conference Schedule:

On-site Registration:	17-18 November 2017
Opening Ceremony, Plenary Session and Keynote Speeches:	18 November 2017
Parallel Sessions and Closing Remarks:	19 November 2017

Website:

http://www.iwaterconference.org

Contact information:

Conference and registration department

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Annex I: Registration Form

Name:		**Gender:**	○ Male ○ Female
Passport or Chinese Citizen ID #:		**Nationality:**	
Email:		**Degree:**	
Affiliation:		**Occupation:**	
Phone #:		**Hotel Preference:**	○ Self Booking ○ Queen Bed ○ Twin Beds
Abstract Title:			

- Please indicate whether you need us to book a hotel room for you and your preference for bed size. We can only book rooms from the International Conference Center & Hotel of Hohai University. Its room price is CNY 380/room/night (room with queen bed or twin beds, breakfast included).
- There are other hotels available but you have to book your rooms by yourself:
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  Ruidi Hotel (223 Guangzhou Road, Nanjing 210029, China)
  Xiyuan Hotel (No.65 Beijing West Road, Nanjing 210013, China)
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