



Second International Scientific Symposium on Water Resources Management and Comprehensive Reclamation of River Basins

Xi'an, China

15-17 November 2019

Organized by:

Chang'an University

Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences

Guangdong Institute of Eco-environmental Science & Technology

Hohai University

Operated by:

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School of Environmental Science and Engineering
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Open Research Laboratory of Water Resources and Territorial
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Editorial Office of *Journal of Water Science and Engineering*
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State Key Laboratory of Eco-hydraulic in Northwest Arid
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Background:

Water-related issues are one of the major problems facing the world in the 21st 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 countries towards high efficient water resources utilization and management and sustainable development, and to advance knowledge and technologies for reclamation of river basins.

In this international symposium, we have invited Jun Xia (Wuhan University, China), Eric F. Wood (Princeton University), Philippe De Maeyer (Ghent University), Emmanouil Anagnostou (University of Connecticut) to give the keynote speeches.

Topics:

1. Water information technologies and methods

- Hydrological process modeling
- Remote sensing in hydrology
- Theory and techniques of hydroinformatics
- Hydrological big-data

2. Environmental hydrology

- Water-related disasters
- Watershed eco-hydrological process
- Soil-water conservation and soil pollution
- Non-point source pollution and water quality assessment

3. Urban hydrology

- Urban flooding management
- Theories and methods for sponge city construction
- Black and odorous water treatment
- Urbanization-introduced water problems

4. Sustainable water resources management

- Smart Water
- Water resource management and policy
- Water resources protection and river and watercourse ecological restoration
- New technologies for water sustainable development

Abstract Submission and Online Registration:

All abstracts including title, author list, affiliations, summary of your presentation, and contact information should be registered in the online registration system by scanning the QR code and using this website link <http://iwaterconference.mikecrm.com/6yLYU80>.



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High quality and selected papers will publish in the special issue of SCI journals, and some others full papers will collect into the special issue of Journal of Water Science and Engineering. Conference collaborated Special Issue in SCI Journals:

1. **Frontiers in Earth Science (Impact Factor: 2.892): “ Sustainable Water Resources Management: Innovation and Challenges in a Changing World”**
2. **Water (Impact Factor: 2.524): Special Issue "Application of the Systems Approach to the Management of Complex Water Systems"**
3. **Special Issue in Sustainability Science (Impact Factor: 4.669)**
4. **Special Issue in Journal of Hydrology (Impact Factor: 4.405)**
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registration system or contact us and submit your paper in the Journal website.

Registration and Fees:

To register this meeting, please fill your information in the online registration system, if you have any questions, please contact us through this email address iwaterconference@126.com. Registration fees are listed below:

Registration Fees	Register Prior or On October 31, 2019	Register After October 30, 2019
Student Registration Fees	1200 CNY	1500 CNY
Normal Registration Fees	1900 CNY	2200 CNY

Place of Registration and Venue:

November 15, 2019 Place of Registration: Academic Exchange Center of Chang’an University

November 16, 2019 Conference place: Academic Exchange Center of Chang’an University

Place of Registration: Academic Exchange Center of Chang’an University

November 17, 2019 Conference place: 3F Geoscience Building of Chang’an University

Place of Registration: 3F Geoscience Building of Chang’an University



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Website of conference:

www.iwaterconference.com

Important Dates:

Call for abstracts:	10 September 2019
Deadline for abstract submission:	31 October 2019
Beginning of registration:	10 September 2019
End of registration:	8 November 2019
On-site registration:	15-17 November 2019

Conference Schedule:

On-site Registration:	15-17 November 2019
Opening Ceremony, Plenary Session and Keynote Speeches:	16 November 2019
Parallel Sessions and Closing Remarks:	17 November 2019

Contact information:

Chang'an University, School of Environmental Science and Engineering

Contact Persons: Dr. Pingping Luo
Email: lpp@chd.edu.cn
Dr. Wenhai Shi
Email: shiwenhai@chd.edu.cn
Dr. Meimei Zhou
Email: mmzhou@chd.edu.cn
Telephone: +86-29-82339376
Corresponding Address: #126 Yanta Road, Xi'an, Shaanxi, China, 710054

Xinjiang Institute of Ecology and Geography, CAS

Contact Persons: Dr. Weili Duan
Email: duanweili@ms.xjb.ac.cn
Telephone: +86-991-7823172
Address: 181 South Beijing Road, Urumqi, Xinjiang, China, 830008

Guangdong Institute of Eco-Environmental Science & Technology, Guangdong Academy of Sciences

Contact Persons: Dr. Bin He
Email: bhe@soil.gd.cn
Telephone: +86-13770332685
Address: #808 Tianyuan, Tianhe District, Guangzhou, China, 510065

Hohai University, College of Hydrology and Water Resources

Contact Persons: Dr. Ke Zhang
E-mail: kzhang@hhu.edu.cn
Telephone: +86-25-83787112
Address: #1 Xikang Road, Nanjing, Jiangsu, China, 210098

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