

Ningbo University

INTERNATIONAL SYMPOSIUM ON Sustainable Urban Drainage

October 17- 19, 2019
Ningbo, Zhejiang, China

Organizers

Ningbo University (China)
University of Alberta (Canada)

Co-Organizers

Sponge Urban Rainwater Harvesting Tech. CO., Ltd
Zhejiang University
Tsinghua University
Ningbo Institute of Technology
US Environmental Protection Agency NRMRL

Sponsors

Ningbo Zhenhai Urban Planning & Survey Res. Institute
Ningbo Housing and Urban-Rural Development Bureau
EPCOR Inc. / City of Edmonton (Canada)
City of Calgary (Canada)
Stantec Consulting Services Inc.
Natural Sciences & Eng. Research Council (Canada)
Canadian Society for Civil Engineering (CSCE)
International Association for Hydro-Environment
Engineering and Research (IAHR)

Topics

Modern societies require efficient and sustainable urban infrastructure to reliably handle stormwater and sanitary/wastewater without causing urban flooding or negative impacts on daily life activities and aquatic environments. As a result of climate change, rapid urban development, aging of infrastructure and more stringent environmental regulations, municipalities worldwide are experiencing significant challenges with maintaining and improving the performances of their urban drainage system. This international symposium will serve as a platform for researchers and practitioners to work together to enhance infrastructure resilience and sustainability.

Low Impact Development (LID) and Sponge City Applications

- Monitoring and Evaluation on Sponge City Practices
- Local Adaptation and Optimization of Sponge City Applications
- Rainwater Reutilization
- Urban Runoff Pollution Control
- Restoration of Urban Rivers/Lakes/Ponds

Condition Assessment and Modernization of Urban Drainage System

- Monitoring Techniques and Condition Assessment on Urban Drainage Systems
- Transient Flow and Air-water Flow in Sewer System
- Solids Movement in Sewers
- Pollution Mitigation for Urban Drainage Systems
- Design and Operation Optimization of Urban Drainage Systems

Climate Adaption for Resilient Urban Water Infrastructure

- Climate Modeling and Changing Environment
- Evaluation on Resilience of Urban Water Infrastructure
- Planning and Design of Resilient Urban Water Infrastructure
- Adaptive Design and Risk Management

Emerging topics such as smart water management, big data, etc. in the applications of urban drainage

Scientific Committee

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Conference Secretaries:

XIAO Ming (*General Secretary*), SHAO Vivian,

FAN Mengge, LIU Yuhan, ZHANG Zheyun

Contact

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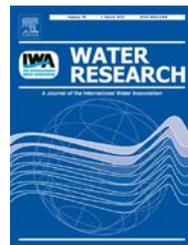
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Special Issues

Special issues of the selected papers will be published in international (SCI) journals after a peer review process. Possible journals are:

- Water Research
- ASCE Journal of Hydraulic Engineering
- ASCE Journal of Environmental Engineering



Important Dates

Extended Abstract: July 1, 2019

Letter of Acceptance: July 15, 2019

Conference Dates: October 17 - 19, 2019



Tourist information

<http://english.ningbo.gov.cn/>

Ningbo is located in the middle section of coastline of China. It neighbors the famous cities of Hangzhou and Shanghai, and is connected to Shanghai by the longest sea-crossing bridge (Hangzhou Bay Bridge) in the world. It is the perfect combination of water country and seaport city, and also a famous hometown of academicians in China. So take the opportunity to participate in the conference and visit this beautiful city.



Ningbo Sanjiangkou

Dongqian Lake Sailing Base

Hangzhou Bay Bridge