

Special Session
on
Risk Management of Water-Related Disasters in Cities
at
The 8th International Conference on Water Resources and
Environment Research (ICWRER 2019)
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Session Organizers:

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Scope and Objectives:

Rising numbers of people in urban areas are becoming increasingly vulnerable to threats from water-related disasters under the rapid urbanization and climate change. Many countries around the world have explored new ways to make cities more resilient to water-related disasters such as Water-Sensitive Urban Design (WSUD) in Australia, Sponge Cities in China, Sustainable Drainage Systems (SUDS) in the UK and Low Impact Development (LID) in North America. As a result, there is an urgent need to understand disasters, vulnerability, and risk so as to design more resilient and sustainable urban development. Therefore, this session will solicit abstracts in various aspects of risk management of water-related disasters in cities including single disaster (flood, drought, storm, debris flow, chemical spill, etc.) and interacting multi-hazards (confounding, cascading, and triggering), and their socioeconomic impacts.