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Techniques and Applications in Water Science and Engineering: Selected Papers from the Inaugural International Symposium on Water Modelling (iSymWater2019)

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Message from the Guest Editors

Dear Colleagues,

The Inaugural International Symposium on Water Modelling (iSymWater2019), hosted by Beijing Normal University and Manchester Metropolitan University, successfully took place on 8–10 July 2019 in Beijing, China. The symposium attracted a total of 140 researchers, practitioners and scientific experts from many countries around the world, including Australia, China, Italy, Japan, the UK and the USA. During the conference, the delegates exchanged ideas on future research trends and planning strategies for sustainable water through theoretical and physical modelling approaches. The topics covered a wide range of research areas, including hydraulic modelling, hydroenvironment modelling, hydroecology modelling, water management simulation, physical experiments and software, for which a diversity of applications and tools exist. State-of-the-art technical solutions to problems and large-scale applications relevant to water were discussed at the Symposium. In order to achieve a worldwide impact, this Special Issue has been launched for publications of selected high quality research work from the Symposium, after peer-review of the manuscripts. The Special Issue will greatly accelerate knowledge exchange and transfer and promote future research involving water modelling aimed at solving challenging problems affecting the aquatic environment, leading to deeper understanding and a better quality of life in a changing world.

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Special Issue



Editor-in-Chief

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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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