

Special Issue

Modeling and Simulation of Urban Drainage Systems

Message from the Guest Editor

The use of models is indispensable for the planning, design, upgrade and operation of urban drainage systems.

With recent developments in AI and ML, new, powerful tools have become available for modellers to cover aspects that may have been difficult or impossible to solve using previous existing modelling environments. At the same time, advances in hardware and computing make established computationally intensive models available for tasks that would have entailed prohibitively long simulation durations in the past. This leads to an unprecedented choice of tools for modellers in the field of urban drainage for systems analysis.

For this Special Issue, we would like to encourage the submission of original papers covering the development, calibration and validation of models and tools using both knowledge-driven techniques or the recently re-discovered data-driven alternatives and their application to problems in the field of urban drainage.[...] For further reading, please follow the link to the Special Issue Website:

https://www.mdpi.com/journal/water/special_issues/urban_drainage_system

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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