

Special Issue

Synergies in Urban Water Infrastructure Modeling

Message from the Guest Editors

Models of urban water infrastructure systems are widely used in many scientific and practical engineering applications. They are used to design new or optimize existing systems, or to understand the connection between the natural and human environments.

Traditionally, the field is divided into drainage and water supply, on both technical and institutional levels. While this segmentation into water supply and urban drainage is reasonable, for many applications these systems are technically linked or share the same space in the urban environment, and, as such, are influenced by the same drivers. To improve the integrated view of these two fields, we would like to especially invite research on integrated studies, in which different systems interact with each other, or in which synergies are used to model both systems. Additionally, manuscripts on the benefits of overarching methods and tools are invited.

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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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