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Design, Planning, and Management of Urban Water Infrastructures in a Changing Climate

Guest Editors:

**Prof. Dr. Van-Thanh-Van
Nguyen**

Department of Civil Engineering,
McGill University, Montreal, QC
H3A 0G4, Canada

Prof. Dr. Philippe Gourbesville

Université Côte d'Azur, Nice,
France

Dr. Shie-Yui Liong

Consultant, Tropical Marine
Science Institute, National
University of Singapore,
Singapore

Message from the Guest Editors

The main purpose of this Special Issue is to present a collection of original research papers and review articles on the state of the art, recent advances, and emerging challenges in the design, planning, and management of urban water infrastructures in the context of climate variability and climate change. We particularly solicit papers that provide a description of the evolution of perspectives linked to new theoretical developments, advanced mathematical methods for the modeling of urban hydrologic processes over a wide range of spatial and temporal scales, advanced real-time operation and control of urban water systems, and smart water measurement and monitoring networks. In addition, we welcome papers focused on novel concepts and innovative approaches and tools.

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Special Issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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.

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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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