Special Issue

Urban Runoff Control and Sponge City Construction II

Message from the Guest Editors

Sponge city construction—integrating green and gray infrastructure—principles have become the new paradigm for a sustainable urban stormwater management strategy. Deviating from the traditional rapid-draining approach, the new paradigm calls for the use of natural systems, such as soil and vegetation, as part of the urban runoff control strategy. It has become a widespread focus in urban water management research and practices globally. In this context, in order to present the latest developments, technologies, and case studies related to urban runoff control and sponge city construction, we propose this Special Issue.
Topics of interest include, but are not limited to, the following: the theories and technologies of sponge city construction; urban hydrology; methods of quantifying the benefits of a sponge city; rainwater utilization; practices that mitigate urban flooding and soil erosion; the performance of GI; the impact of media; preferential flow paths; vegetation; climate; design of the hydrological, hydrodynamic and pollutant removal processes; and case studies on sustainable urban design and management using LID-GI principles and practices.

Guest Editors

Prof. Dr. Haifeng Jia

Prof. Dr. Jiangyong Hu

Prof. Dr. Dafang Fu

Dr. Wei-Shan Chen

Deadline for manuscript submissions

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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