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Urban Stormwater Control, Utilization, and Treatment

Guest Editors:

Dr. Jun Wang

School of Civil Engineering,
Shandong University, Jinan
250061, China

Dr. Shouhong Zhang

College of Soil and Water
Conservation, Beijing Forestry
University, Beijing 100083, China

Dr. Anita Raimondi

Dipartimento di Ingegneria Civile
e Ambientale, Politecnico di
Milano, 20133 Milano, Italy

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Message from the Guest Editors

Sustainable urban stormwater management has been a hot research topic in the context of the rapid urbanization and changing climate. Specifically, effective approaches to urban stormwater control, utilization and treatment are of great importance for the mitigation of challenges regarding waterlogging and water pollution that are faced in urban areas. Holistic and nature-based technologies in urban stormwater control, utilization and treatment have been widely accepted and implemented around the globe, including strategies such as the green stormwater infrastructure (GSI), low-impact development (LID) practices, best management practices (BMPs), sponge city (SC) practice, sustainable urban drainage system (SUDS), water-sensitive urban design (WSUD), the Active Beautiful and Clean (ABC) Waters Programme, etc.

Stormwater control, utilization and treatment measures can generally be classified into various retention-based, infiltration-based and filter-based types for both water quantity and water quality management purposes.

[...]

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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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Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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