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Development of Alternative Water Sources in the Urban Sector

Guest Editor:

Dr. Eran Friedler
Faculty of Environmental, Water and Agricultural Engineering, Technion—Israel Institute of Technology, Haifa 32000, Israel

Deadline for manuscript submissions:
closed (15 January 2018)

Message from the Guest Editor

Dear Colleagues,

Population growth and urbanisation lead to ever-increasing pressure on potable water sources. Climate change amplifies this stress. Centralised approaches to urban water infrastructure have been the prevalent practice worldwide for many decades. The advantages of this centralised approach are lately being questioned, while interest in alternative water sources is increasing. Transition to a distributed or a combined centralised-distributed approached where alternative water sources play a significant role, is envisaged to enhance water security, lower energy demand, lower maintenance costs, lead to co-management of the various facets of the urban water cycle, enhance sustainability, and encourage local community engagement.

The proposed Special Issue intends to assemble contributions on alternative water sources that may include, amongst others, harvested rainwater or stormwater, greywater and municipal wastewater. We seek contributions that analyse various alternative water sources systems especially ones that puts them in the context of the urban water cycle.

Prof. Dr. Eran Friedler
Guest Editor

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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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI