Special Issue

The Impact of Urbanization on Water Resources and the Water Environments

Message from the Guest Editors

It has been projected that human migration from rural to urban areas will contribute to more than two-thirds of the world's population living in urban areas by 2050. This important trend already has increased urban pressure on, and the degradation of, nearby aquatic ecosystems and the living communities in water bodies, which include rivers, estuaries, and lakes. The aforementioned pressure mechanisms affect the rivers' flow variations during dry and rainy seasons, the bodies' water quality, as well as natural aquifer recharging.

This Special Issue seeks contributions that report on the current conditions of water bodies passing through urban areas in developed and developing regions. Research may include (but is not limited to) the impact of cities in the following topics: water quality and quantity, and ecological status of water bodies. This also covers effects on the quality of groundwater and its level changes in urban area aquifers.

This Special Issue will contribute to identifying the state of the art as well as the strategies and solutions needed to face and manage the impact of urbanization on water resources and the water environment.

Guest Editors

Dr. Rubén Jerves-Cobo

PROMAS, University of Cuenca, Av. 12 de Abril S/N y Agustin Cueva Edificio de Laboratorios Tecnológicos, Cuenca 010103, Ecuador

Dr. Wout Van Echelpoel

Department of Animal Sciences and Aquatic Ecology, Ghent University, 9000 Ghent, Belgium

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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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