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The Impact of Urbanization on Water Resources and the Water Environments

Guest Editors:

Dr. Rubén Jerves-Cobo

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

Dr. Wout Van Echelpoel

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

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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.



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Special Issue



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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

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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