

Special Issue

Biogeochemical Processes in Lakes, Ponds and Reservoirs of Urban Environments

Message from the Guest Editors

Lakes and ponds in cities and towns are integral to the urban environment. They provide numerous benefits including stormwater retention, water quality improvement, and biodiversity, in addition to recreation and property value. Whether natural or man-made, these lakes tend to be small, shallow, and strongly influenced by urban development and climate change. The unique conditions and biogeochemical processes of urban lakes have received less attention in the limnological and watershed literature. This Special Issue aims at bringing together the latest research endeavors on material transport and biogeochemical processes in lakes in urban environments. We encourage submissions reporting the recent findings in the biogeochemistry of carbon, nutrients and trace elements from field observations, laboratory characterization, modeling, and synthetic studies on urban lake systems. We especially encourage papers that stimulate critical thinking pertinent to urban lake biogeochemistry under climate change.

Guest Editors

Prof. Dr. Yijun Xu

Prof. Dr. Xihua Wang

Prof. Dr. Siyue Li

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

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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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