



water

an Open Access Journal by MDPI



Watershed Water Environment and Hydrology under the Influence of Anthropogenic and Natural Processes

Guest Editors:

Prof. Dr. Guilin Han

Institute of Earth Sciences, China
University of Geosciences
(Beijing), Beijing 100083, China

Prof. Dr. Zhifang Xu

Institute of Geology and
Geophysics, Chinese Academy of
Sciences, Beijing 100029, China

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editors

In the context of the globalization of environmental change, how to identify and characterize water quality and contamination is most important to realize high-efficiency water environmental management and sustainable use of water resources. However, the water eco-environments at different watershed scales pose many challenges for protection and management over the world. Accurate assessment of the transformation and migration of nutrients and other pollutants at different watershed scales is a critical challenge due to the different strengths of influence of anthropogenic and natural processes. By studying the biogeochemical cycle of substances and sources of pollutants in the water environment at watershed scale, combined with hydrology methods, the mechanism of ecological environment changes at watershed scale can be explored under the influence of both anthropogenic and natural processes. With this Special Issue, we aim to promote the publication of papers dealing with watershed water environments and hydrology under the influence of anthropogenic and natural processes, mainly focusing on the quality and contamination of water bodies and their influencing factors.



mdpi.com/si/72625

Special Issue

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

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

Contact Us

WaterEditorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)