

Special Issue

Hydrological Processes in Small Catchments—Runoff and Sediment Yield in Changing Environment

Message from the Guest Editors

Accelerated changes in land use, population density, and climate are causing spatial and temporal changes in water resources. To achieve a better understanding of the changes and effectively manage the water resources, monitoring and modeling of hydrological processes in small catchments are carried out around the world. This Special Issue of *Water* aims to collect contributions of recent results on monitoring and predicting the changes in runoff, water quality, as well as sediment yield. Papers dealing with: (a) the influence of land use and/or climate changes on small catchment responses, (b) analysis of long-term records of precipitation, evapotranspiration and the responses, as well as (c) single event rainfall–runoff–sediment yield processes, are especially welcome.

Guest Editors

Prof. Dr. Kazimierz Banasik

Dr. Rabin Bhattarai

Dr. Johanne Deelstra

Deadline for manuscript submissions

closed (30 September 2021)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.8



mdpi.com/si/37083

Water

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

[mdpi.com/journal/
water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.8



[mdpi.com/journal/
water](https://mdpi.com/journal/water)



About the Journal

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

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)