Special Issue

Hydrology and Sedimentology of Hilly and Mountainous Landscapes

Message from the Guest Editors

Mountains and other sloping lands are complex hydrological systems that provide water for more than 3 billion people to drink, grow food, generate hydropower, and sustain industries. Even so, hydrological processes are not well understood. Published research on the hydrology and sedimentology of mountains and hills is critically needed to safeguard their function as water towers of the world. Manuscripts are, therefore, sought on water and sediment transport in complex sloping landscapes, including but not limited to landscape connectivity, runoff generation processes (saturation excess in humid and Hortonian runoff in arid climates), perched water tables, subsurface and pipe flow, self-organization, various forms of soil loss such as gully, rill sheet, and subsurface erosion, sediment deposition, and effectiveness of best management practices. Experimental studies, literature reviews, theoretical applications, and validated spatially distributed models will be accepted for review.

Guest Editors

Prof. Dr. Tammo Steenhuis
Biological and Environmental Engineering, Cornell University, Ithaca, NY 14850, USA

Dr. Fasikaw Zimale
Bahar Dar University, Bahar Dar, Ethiopia

Deadline for manuscript submissions

closed (10 November 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 6.7

mdpi.com/si/56020

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

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 6.7

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 (Aquatic Science)

MDPI