Special Issue

Advances in Rainfall Partitioning in Natural and Urban Environments

Message from the Guest Editors

In this Special Issue, we focus on studies dealing with novel observations or model techniques aiming to increase our understanding of rainfall partitioning, both in time and space, and on a small scale as well as a regional–global scale. Contributions may address any impact of vegetation or meteorological characteristics on rainfall partitioning in urban or natural environments. The interactions between forest and water have been studied for over a century. Forest hydrology deals with the water balance of forests, particularly regarding precipitation (as a rainfall partitioning into throughfall, stemflow, and rainfall interceptions), evapotranspiration, transpiration, runoff, infiltration, and groundwater recharge in different forest types and management systems. Rainfall partitioning studies in large watersheds are limited, mainly due to the lack of an efficient, commonly accepted methodology[...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/rainfall_partitioning

Guest Editors

Dr. Seyed Mohammad Moein Sadeghi

Department of Forest Engineering, Forest Management Planning and Terrestrial Measurements, Transylvania University of Brasov, Brasov, Romania

Dr. Mojca Šraj

Department of General Hydrotechnics, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Ljubljana, Slovenia

Deadline for manuscript submissions

closed (31 July 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/116417

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 3.0
CiteScore 6.0

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