Special Issue

Rainfall Observation and Watershed Management for Adaptation to Climate Change

Message from the Guest Editors

Although adaptation measures to climate change have been developed at the national level, there are still gaps related to their implementation to local watershed management. The recent increased severity of water-related disasters may be related to changes in the spatial and temporal variation of precipitation. To implement adaptation measures to mitigate flood and drought disasters, a real-time combination of dense rain gauge networks and remote observation systems of precipitation is essential. The establishment of an online database system enabling public access to all long-term historical data would accelerate not only hydrometeorological studies but also various artificial intelligence applications. The aim of this Special Issue is to gather both recent scientific research and application to society in terms of rainfall observation and watershed management as a measure of adaptation to climate change.

Guest Editors

Prof. Dr. Koichiro Kuraji
Graduate School of Agricultural and Life Sciences, University of Tokyo, Tokyo, Japan
Prof. Dr. Masashi Kiguchi
Institute for Future Initiatives, The University of Tokyo, Tokyo, Japan

Deadline for manuscript submissions

closed (31 August 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/93799

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