Special Issue

Monsoon Environmental Changes and Fluvial Sedimentation Processes

Message from the Guest Editor

During the monsoon season, a large amount of water vapor is transported from the ocean to the land, forming precipitation in the monsoon region and its periphery, which leads to surface runoff and sedimentation. This has a significant impact on terrestrial hydrology and the ecological environment. This Special Issue aims to collect the latest research on the water cycle in regions affected by the monsoon environment and its response to climate change. It focuses on the hydrological changes under the monsoon climate during modern and historical periods, as well as since the late Quaternary, and their impacts on arid and semi-arid environments. The topics of interest include, but are not limited to

- The impact of modern monsoon climate change on surface runoff and the ecological environment in arid and semi-arid regions;
- The historical changes in water systems in regions/basins affected by the Asian monsoon;
- The influence of winter and summer monsoon changes during the late Quaternary period on the formation and evolution of deserts and sandy lands;
- Paleo-soils and sedimentary facies in arid and semi-arid regions/basins as indicators of monsoon climates and hydrological changes.

Guest Editor

Prof. Dr. Baosheng Li
School of Geographical Sciences, South China Normal University, Guangzhou, China

Deadline for manuscript submissions

25 February 2026

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/248583

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