



water

an Open Access Journal by MDPI



Modelling Flood Hazards and Management for Environmental Sustainability

Guest Editors:

Dr. Subodh Ch Pal

Department of Geography, The University of Burdwan, West Bengal, India

Dr. Sudhir K. Singh

K. Banerjee Center of Atmospheric & Ocean Studies, IIDS, Nehru Science Center, University of Allahabad, UP, Allahabad, India

Deadline for manuscript submissions:

closed (31 October 2022)

Message from the Guest Editors

Floods are extreme and frequent types of natural hazards that cost human life and result in major economic losses. Flooding occurs when water cannot be stored or adjusted in a normal system of drainage. Floods are a threat to people, infrastructure, and settlements. The higher the risk of flooding is, the greater the amount of damage caused. The objective of this Special Issue of *Water* is to collect articles (original research articles, review articles, and case studies) to provide insight into the applications of remote sensing and remote sensing–GIS-based techniques for addressing critical flood hazard issues and their management, including assessment and modelling on a wide range of spatial and temporal scales.

This open-access Special Issue invites high-quality and innovative scientific articles, including innovative and cutting-edge research on the use of remote sensing techniques and data from any platform (ground sensing, satellite, aircraft, drones, etc.) to study critical water-related issues.



mdpi.com/si/70988

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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.

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)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)