



Hydrology in River Basins: Developments in Science and Application (HRBDSA)

Guest Editor:

Dr. Ilyas Masih

IHE Delft Institute for Water
Education, Delft The
Netherlands, P.O. Box 3015, 2601
DA Delft, The Netherlands

Deadline for manuscript
submissions:

closed (15 December 2018)

Message from the Guest Editor

Hydrology of river basins is a subject of great interest for the scientific community and practitioners. This special issue aims to contribute in advancing scientific knowledge related to river basin hydrology. The original and novel contributions on recent developments and emerging issues in hydrological sciences and applications are invited for this special issues, with specific focus on the following:

Hydrological process understanding in river basins that are natural or modified; gauged, ungauged or poorly gauged;

Impact of global changes (climate, land use, reservoirs and irrigation systems, erosion and pollution) on hydrology and water resources;

Hydrological extremes (floods and droughts) under global changes and novel management options;

Role of data from various sources such as ground monitoring networks, remote sensing, and citizen science in improving scientific assessment and applications;

Advances in the development and application of tools and models for catchment hydrology and informed decision making process.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Geosciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/geosciences
geosciences@mdpi.com
[X@Geosciences_OA](https://twitter.com/Geosciences_OA)