Special Issue

Mountain Karst Aquifers Characterization

Message from the Guest Editors

This Special Issue is addressed to mountain karst aquifers. They are strategic freshwater reservoirs for sustaining downstream dependent ecosystems, many of which are found in semi-arid areas. 70% of all carbonate rock surface exposures occur in hills and mountainous areas, and approximately 25% of the world's population depends directly or indirectly on water supply from karst aquifers. Given their relevance, it is essential to characterize the hydrological behavior of such mountain karst aquifers, and to protect them to avoid undesirable problems in stored water resources. Topics of interest include, but are not limited to:

- Numerical simulation of groundwater flow.
- Geological, hydrological and hydrogeochemical investigations of karst systems.
- Advances in isotopic investigations of karst systems.
- Time-series analysis of observed karst hydroclimatic variables.
- Karst groundwater vulnerability assessment and remediation.
- Climate change impact assessment in karst aquifers.
- Management and mitigation of karst groundwater resources.
- High-mountain karst geomorphology
- Speleology and exploration of mountain karst systems.

Guest Editors

Dr. Jorge Jódar Bermúdez

Dr. Juan José Durán

Dr. Sergio Martos Rosillo

Dr. Luis Javier Lambán

Deadline for manuscript submissions

closed (31 August 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/160958

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