



water

an Open Access Journal by MDPI



Research on Karst Eco-Hydrology and Sediment

Guest Editors:

Dr. Oana Teodora Moldovan

Emil Racovitza Institute of
Speleology, Cluj-Napoca,
Romania

Dr. Sanda Iepure

Emil Racovitza Institute of
Speleology, Cluj-Napoca,
Romania

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

The ecohydrology of karst and caves integrates the biological and hydrological processes occurring at temporal and spatial scales. In the underground, the maze of karst voids has more or less connectivity and harbors very simple communities, with relatively stable temporal composition and heterogeneous spatial distribution. Groundwater communities are the perfect subjects for ecological studies, as inhabitants of the few continental habitats with discrete boundaries. They are one of the few continental habitats where the metacommunities concept that incorporates spatial dynamics into community ecology and the interaction between local and regional processes can be tested.

The unsaturated karst zone is a fragmented landscape represented by habitat patches in a surrounding karst matrix, where the metacommunities concept (habitat connectivity, spatial extent, environmental heterogeneity) influences the maintenance of biodiversity and species dispersal. For groundwater communities, [...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special_issues/
Karst_Eco-Hydrology_Sediment](https://www.mdpi.com/journal/water/special_issues/Karst_Eco-Hydrology_Sediment)



[mdpi.com/si/45644](https://www.mdpi.com/si/45644)

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/X@Water_MDPI)