



## Mountain Karst Aquifers Characterization

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Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### 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.





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## Message from the Editor-in-Chief

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