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## Cave Waters: Modern Perspectives for Short to Long-Term Environmental Monitoring

Guest Editors:

**Dr. Leonardo Piccini**

**Dr. Alessia Nannoni**

**Dr. Christos Pennos**

**Dr. Rannveig Øvrevik  
Skoglund**

Deadline for manuscript  
submissions:

**closed (31 March 2024)**

### Message from the Guest Editors

Dear Colleagues,

Groundwater is the main water resource for civil uses. Most of it is found within recent continental deposits (i.e., porous media), but a significant part is stored in fractured rock bodies. The groundwater flow in fractured rocks is usually investigated through the study of the hydrodynamics of springs or in-well investigations. The occurrence of underground cavities accessible to humans—the caves—offers the possibility of directly investigating groundwater dynamics from infiltration to the out-flow. Cave waters host various ecosystems and play an important role in ensuring the good quality of groundwater.

During their underground flow, cave waters change their physical and chemical characteristics and therefore, offer the possibility of monitoring in a targeted way the spatial/temporal variations of some physical, chemical, and biological parameters. [This Special Issue](#) aims to give visibility to the most recent advances at cave waters, from a methodological point of view and concerning the perspectives of obtaining data on the role of climate on both infiltration and groundwater dynamics and on the ecosystems they host.



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# Special Issue

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### **Dr. Jean-Luc PROBST**

ECOLAB, Centre National de la  
Recherche Scientifique (CNRS),  
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## 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.

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Water Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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