



*water*

an Open Access Journal by MDPI



## Presence of Microorganisms in Soil and Water

Guest Editors:

**Dr. Elżbieta Wotejko**

**Dr. Agata Jabłońska-Trypuć**

**Dr. Urszula Wydro**

Deadline for manuscript  
submissions:  
**closed (31 October 2022)**

### Message from the Guest Editors

Dear Colleagues,

The presence of microorganisms is one of the determinants of soil and water quality, which also influences the processes occurring in them. An increase in the environmental pollution level and the possibility of the appearance of new substances of anthropogenic origin in the environment makes it necessary to monitor the changes that occur in aquatic and soil microorganisms. A multidisciplinary approach combining knowledge and experience from different fields, such as microbiology, biotechnology, environmental engineering, toxicology, environmental chemistry, hydrology, and bioinformatics should be implemented.

An important issue is the identification of biotic and abiotic factors influencing the microbial composition of soils and surface/groundwaters. Such biomonitoring provides spatial-temporal information on substance loads (pollutants, water/soil quality parameters, nutrients, etc.), as well as water/soil quality and information provision for pollution mitigation and ecological sustainability.

[This Special Issue](#) is open to studies on problems related to the identification and impact of pollutants affecting microbial biodiversity of soils and waters.



[mdpi.com/si/112603](https://mdpi.com/si/112603)

# Special Issue



*water*



an Open Access Journal by MDPI

## 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

## 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 (Aquatic Science)

## Contact Us

Water Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)