



water



an Open Access Journal by MDPI

Field Methods for Water Quality Surveying

Guest Editors:

Prof. Dr. David Werner

School of Engineering, Newcastle University, Newcastle, UK

Dr. Kishor Acharya

School of Civil Engineering and Geosciences, Newcastle University, Newcastle, UK

Dr. Zhugen Yang

School of Water, Energy and Environment, Cranfield University, Cranfield, UK

Deadline for manuscript submissions:

closed (30 September 2022)

Message from the Guest Editors

There is breathtaking progress in the development of field methods for water quality surveying, from portable next generation sequencing devices for on-site characterization of water microbiomes to novel sensors for real-time monitoring of waterborne hazards. These methods facilitate monitoring of water quality in treatment works and remote locations, avoid sample alteration during transportation and storage, and enable more rapid data exploitation for immediate decision making. For this special issue we invite contributions reporting advancements in the state of the art of field deployable methods for water quality surveying: exemplary field studies, method validations, digital applications for field data collection, transmission, management, and sharing, and novel water sensor developments and their applications. We invite reports of excellent quality water quality research which aligns with the special issue motto: Out of the lab, into the field!...

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

https://www.mdpi.com/journal/water/special_issues/field_methods_water_quality



[mdpi.com/si/60895](https://www.mdpi.com/si/60895)

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/Water_MDPI)