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Trends in Monitoring of Drinking Water Quality from Source to Tap

Guest Editor:

Prof. Dr. Manuel J. Rodriguez
NSERC Research in Surveillance and Management of Drinking Water, Université Laval, Quebec City, QC G1V 0A6, Canada

Deadline for manuscript submissions:
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Message from the Guest Editor

Emerging issues such as climate change impacts, interest in new contaminants in water, more stringent regulations governing the protection of water sources and distributed water, and increased public expectations concerning tap water are all factors contributing to the need for more sophisticated water quality monitoring strategies. To ensure safe drinking water, monitoring strategies for water quality should consider the different components of the multibarrier approach, the source watershed, the water treatment plant, and the municipal distribution network. Such monitoring strategies must also take into account the various types of contaminants and indicators (chemical, microbiological, physical). Approaches, methodologies, and techniques for water quality monitoring must promote the generation of data and the development of knowledge that will be useful for decision-making purposes (for water quality assessment, detection of contamination events, prioritizing of interventions, etc.). This Special Issue welcomes contributions on different themes related to the monitoring of water quality at the water source, in the treatment plant, and through the distribution system.

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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.

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Contact Us

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

Tel: +41 61 683 77 34
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mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI