



*water*

an Open Access Journal by MDPI



## Water Quality Optimization

Guest Editors:

**Dr. George Besseris**

Department of Mechanical  
Engineering, University of West  
Attica, Athens, Greece

**Dr. Triantafyllos Kaloudis**

Athens Water Supply & Sewerage  
Company, EYDAP SA, 11146  
Athens, Greece

Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editors

For this Special Issue of *Water*, entitled ‘Water Quality Optimization’, we solicit articles that place emphasis on novel methods that can help us to improve water quality. Therefore, the scope of this Special Issue is broad enough to include new optimization techniques that provide decision-making support to water professionals who seek to screen and optimize any type of water operation, including desalination and wastewater treatment. Such techniques may be novel mathematical or computational models that provide robust and convenient solutions to complex water problems. Contributions on state-of-the-art computational methods are also welcome as long as they are accompanied by a detailed case study in improving a unique water process. Moreover, technological advances that may help us to improve water quality by introducing new knowledge into water chemical systems are also relevant to this Special Issue, [...]

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

[https://www.mdpi.com/journal/water/special\\_issues/water\\_quality\\_optimization](https://www.mdpi.com/journal/water/special_issues/water_quality_optimization)



[mdpi.com/si/53405](https://www.mdpi.com/si/53405)

# 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, St. Alban-Anlage 66  
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)