



*water*

an Open Access Journal by MDPI



## Analysis, Evaluation and Optimization of Infrastructures Serving Water Systems

Guest Editors:

**Prof. Dr. Francesco De Paola**

Department of Civil, Architectural  
and Environmental Engineering,  
University of Naples Federico II,  
Naples, Italy

**Dr. Francesco Pugliese**

Department of Civil, Architectural  
and Environmental Engineering,  
University of Naples Federico II,  
Naples, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

The present Special Issue is mainly devoted to scientific and technical works on the:

- Adaptation strategies and management of infrastructures serving water systems;
- Technical innovations in water works design and management;
- On-field applications of innovative water planning, design, management approaches;
- Experimental, theoretical and numerical modelling of infrastructures serving water systems;
- Optimization models and techniques for pressure regulation;
- Multicriteria approaches for water systems assessment;
- Small-scale hydropower generation in water systems;
- Best management practices for water supply, distribution, and sewer system



[mdpi.com/si/39706](https://mdpi.com/si/39706)

# 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)