



water

an Open Access Journal by MDPI



Aquatic Engineering Enhancing Natural Biological Production and Purification Processes

Guest Editor:

Dr. Sohei Kobayashi

College of Life and
Environmental Sciences,
Wenzhou University, Wenzhou
325035, China

Deadline for manuscript
submissions:

closed (10 December 2022)

Message from the Guest Editor

Aquatic ecosystems have various roles known as ecosystem services that benefit humanity, such as providing/regulating biodiversity, food resources, and the environment. To sustainably gain such benefits, we have to not only perform restoration, but also understand the potential ability of ecosystems, stimulate activities of indigenous organisms, and suitably harvest overgrown/decommissioned organisms to enhance turnover. Our aim is to gather traditional and new aquatic engineering techniques and related knowledge on enhancing biological production and nutrients/organic removal processes in natural aquatic systems, and to discuss key organisms, habitats, resources, and ecosystem processes for the further development of engineering techniques.



mdpi.com/si/91421

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/X@Water_MDPI)