



water



an Open Access Journal by MDPI

Applications of Algae for Wastewater Treatment

Guest Editors:

Dr. Hongyu Ren

State Key Laboratory of Urban Water Resource and Environment, School of Environment, Harbin Institute of Technology, Harbin 150090, China

Prof. Dr. Fanying Kong

School of Water Conservancy and Civil Engineering, Northeast Agricultural University, Harbin 150030, China

Deadline for manuscript submissions:

closed (31 July 2022)

Message from the Guest Editors

Dear Colleagues,

We are guest-editing a Special Issue of *Water*, titled “Applications of Algae for Wastewater Treatment.” Manuscripts will be selected through both invitation and open call, and the publisher of *Water* will provide a 20% discount for each accepted paper invited by the Guest Editors.

The application of algae in wastewater treatment has been a significant focus of international research in recent decades. This is due to the potential of algae as biomass feedstock to produce biofuels and value-added products, and the possibility of combining algal cultivation with the removal of nutrients from wastewater. The use of algae-derived materials such as biochar to remove aqueous pollutants is also an emerging approach. Considering the rapid development in this field, this Special Issue aims to provide a platform for the exchange of current research status and future perspectives. We would like to invite you to submit original research and review articles to disseminate and share the new findings on algae applications in wastewater treatment.



mdpi.com/si/75918

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)