



Biological Technology for Wastewater Treatment

Guest Editors:

Prof. Dr. Silvia Fiore

Department of Engineering for
Environment, Land and
Infrastructure (DIATI), Politecnico
di Torino, 24-10129 Torino, Italy

**Prof. Dr. Elia Judith Martínez
Torres**

Chemical and Environmental
Bioprocess Engineering Group,
Natural Resources Institute
(IRENA), University of Leon, 24071
Leon, Spain

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

We encourage you to submit papers for a Special Issue of *Water* focused on **Biological technologies applied to wastewater treatment**. Biological technologies are conventionally applied to municipal wastewater and to wastewater sludge treatments, involving aerobic and anaerobic processes, and to industrial wastewaters with high organic load. The actual technical challenges addressed by biological technologies applied to wastewater treatment are related to the presence of persistent organic pollutants, which may require pre-treatments and/or additives, to the presence of microplastics, or the high amount of biodegradable organic compounds which are not suitable for conventional treatment. Manuscripts submitted to this Special Issue should consider innovative and integrated research on biological technologies applied to wastewater treatment, considering the technical performances and the economical analysis of the application of such technologies.





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

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](#)