Special Issue

Sewage Disposal, Biological Processes and Resource Utilization of Sewage Sludge

Message from the Guest Editors

Wastewater biological treatment, as an efficient, economical, and environmentally friendly technology, has been applied worldwide. Sludge contains an abundance of organic matter and nutrients such as nitrogen and phosphorus. Converting it into a reusable resource has become key to solving environmental pollution and resource scarcity. The goal of this Special Issue is to gather the latest research achievements in wastewater biological treatment technology and sludge resource recycling and promote scientific innovation and technological progress in this field. By showcasing new methods, materials, and equipment in wastewater treatment, as well as cutting-edge technologies for sludge resource recycling, our aim is to promote sustainable water resource management, reduce environmental burden, and maximize resource recovery efficiency. The main themes covered are as follows: Development of wastewater biological treatment technology; Resource utilization of sludge; Comprehensive process for sewage and sludge treatment; Environmental and economic impact assessment.

Guest Editors

Prof. Dr. Jun Li

College of Architecture Engineering, Beijing University of Technology, Beijing 100124, China

Dr. Yuhan Zhu

School of Environmental Science and Engineering, Beijing University of Technology, Beijing 100124, China

Deadline for manuscript submissions

20 March 2026



Water

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 6.0



mdpi.com/si/217124

Water Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 water@mdpi.com

mdpi.com/journal/ water





Water

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 6.0



About the Journal

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.

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse. France

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 (Aquatic Science)

