# **Special Issue**

# Sustainable Wastewater Treatment Based on Chemical and Biochemical Technology

### Message from the Guest Editors

Wastewater treatment plays a crucial role in maintaining the health and integrity of ecosystems and safeguarding public health. The aim of this Special Issue is to showcase cutting-edge research and advances in sustainable wastewater treatment based on chemical and biochemical technologies. By publishing this Special Issue in the journal Sustainability, we aim to bridge the gap between research and practice, promoting the implementation of sustainable wastewater treatment practices in real-world applications. We invite submissions for papers that explore innovative and advanced treatment methods in the field of sustainable wastewater treatment based on chemical and biochemical technologies. We encourage research on cutting-edge technologies such as membrane processes, advanced oxidation, the utilization of microwaves or ultrasound, selective adsorption on both natural and synthetic materials with enhanced selectivity, biodegradation, and their combinations. We look forward to receiving your contributions.

### **Guest Editors**

#### Dr. Florentina Laura Chiriac

Water, Soil and Waste Pollution Control Laboratory, National Research and Development Institute for Industrial Ecology—ECOIND, 51-73 Drumul Podu Dambovitei Street, Sector 6, 060652 Bucharest, Romania

### Prof. Dr. Daniela Simina Ştefan

Department of Analytical Chemistry and Environmental Engineering, Faculty of Chemical Engineering and Biotechnologies, University Politehnica of Bucharest, 1-7 Polizu Street, Sector 1, 011061 Bucharest, Romania

### Deadline for manuscript submissions

closed (6 June 2025)



## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



### mdpi.com/si/196705

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

mdpi.com/journal/ sustainability





### Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



## **About the Journal**

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

### **Author Benefits**

### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

### **High Visibility:**

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

