

Special Issue

Innovative Treatments for Wastewater and Natural Water: Towards a Modern and Sustainable World

Message from the Guest Editors

Water is an important living environment for many creatures and is a very important resource for both human consumption as well as industry and agriculture. As a result of human activities, water's properties are changed by being loaded with compounds that, even in very small amounts on the order of $\mu\text{g/L}$ and ng/L , can affect the metabolic processes of living organisms. Particular attention must be paid to contaminants that are not included in regular monitoring processes, such as pharmaceuticals, endocrine disruptors, microplastics, nanoparticles, etc. These components, which have been highlighted in water because of the increase in the performance of methods and analysis devices, require innovative removal methods. We welcome papers describing advanced treatment methods such as membrane processes, advanced oxidation, methods that use, among others, microwaves or ultrasound, selective adsorption on natural and synthetic materials with advanced selectivity, biodegradation, or combinations thereof. In this Special Issue, research papers, reviews, and short communications will be accepted. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Daniela Simina Ștefan

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

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

Deadline for manuscript submissions

closed (24 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/145155

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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)