

## Special Issue

# Ecological Aspects and Biotechnology Applications in Wastewater and Pollutants Treatment

### Message from the Guest Editors

The mitigation of water scarcity is closely related with the efficiency of the applied treatments and the possibility of reusing the effluent when appropriate. In this Special Issue, the investigation of bioindicators regarding the operation of wastewater treatment plants (WWTPs) and their effluent quality is also included. Several pollutant stressors related to WWTP operation that affect receiving water bodies, including rivers and coastal marine areas, are also welcome to be submitted to this Special Issue. For this Special Issue of *Sustainability*, we welcome manuscripts focusing on:

- Wastewater treatment technologies;
- WWTP design considerations;
- Advances in control technologies for wastewater treatment systems;
- Wastewater treatment modeling (numerical and data-driven);
- Sludge microbial ecology and bioindicators;
- Removal of micropollutants;
- Sludge treatment;
- WWTP efficiency assessment;
- Health status monitoring and modeling of receiving water bodies;
- Wastewater reuse practices and legislation;
- Biotechnological applications in pollutants' removal.

---

### Guest Editors

Dr. Nikolaos Remmas

Dr. Marina Papadelli

Prof. Dr. Georgios Sylaios

---

### Deadline for manuscript submissions

closed (15 May 2023)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/122847](https://mdpi.com/si/122847)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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