

## Special Issue

# Environmental Monitoring and Assessment for Sustainability

### Message from the Guest Editors

This Special Issue focuses on the promising features of Industry 4.0 and artificial-intelligence-related methods for environmental monitoring and assessment in the industrial sector. The purpose of this Special Issue is to motivate research that links these two major areas and highlights their connection to the United Nations Agenda 2030 Sustainable Development Goals (SDGs). The Special issue aims to highlight several issues both in the fusion and analysis of information, when it comes to industrial environmental monitoring and assessment network architectures, mainly (but not limited) due to:

- Adverse conditions within specific offshore /industrial environments;
- Wide geographical distribution of the signal acquisition nodes;
- Energy consumption of the monitoring network;
- Latency/bandwidth limitation on a satellite communication network;
- Cybersecurity issues;
- A variety of data analysis methods and technologies.

### Guest Editors

Dr. Christos Spandonidis  
PRISMA Electronics, 17564 Paleo Faliro, Greece

Dr. Fotis Giannopoulos  
PRISMA Electronics, 17564 Paleo Faliro, Greece

### Deadline for manuscript submissions

closed (31 March 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/130867](https://mdpi.com/si/130867)

*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)