

## Special Issue

# Sustainable Management of Physical Assets

### Message from the Guest Editors

Nowadays, physical assets are finally assuming the importance that they have always had. Many companies depend on physical assets, and the final value of products and services have a significant incorporation in the value of physical assets. Because of this, the life cycle analysis of physical assets becomes a strategic subject that organizations must evaluate regularly.

Physical assets also must be analysed carefully, aiming to guarantee or improve their reliability. This is because condition-based maintenance, predictive maintenance and dynamic modelling is particularly important. It can be concluded that it is necessary to have an excellent organization and management of physical assets, in conjunction with the best maintenance policies, to reach the maximum physical asset availability, in order to achieve their maximum productivity. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Life cycle assessment
- Standardization and certification
- Predictive maintenance
- Models of artificial intelligence
- Data architecture and governance
- Sensing
- Energy

### Guest Editors

Prof. Dr. José Manuel Torres Farinha

RCM2+ Research Centre for Asset Management and Systems Engineering, ISEC/IPC, Rua Pedro Nunes, 3030-199 Coimbra, Portugal

Dr. Hugo David Nogueira Raposo

RCM2+ Research Centre for Asset Management and Systems Engineering, ISEC/IPC, Rua Pedro Nunes, 3030-199 Coimbra, Portugal

### Deadline for manuscript submissions

closed (5 May 2024)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/178026](https://mdpi.com/si/178026)

*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)