

Special Issue

Artificial Intelligence and Indoor Air Quality

Message from the Guest Editors

Air pollution brings serious health and quality of life implications and it poses one of the greatest environmental risks for human health, as well as for all living beings and our planet's sustainability. It can potentially cause numerous respiratory illnesses, such as asthma, chronic obstructive pulmonary disease, allergies, lung cancer, as well as cardiac issues. Air quality monitoring systems are essential to help us to maintain a good quality of life and, since the overall population spends approximately 90% of their time inside buildings, monitoring air quality in indoor environments is crucial. Additionally, indoor pollution levels can be 2–5 times higher than in outdoor environments, according to the United States Environmental Protection Agency (EPA). To address indoor air quality and its underlying effects on human health more effectively, the use of artificial intelligence, as well as efficient and smart communication techniques, are essential to accomplish this task in an efficient, unobtrusive, and seamless way.

Guest Editors

Prof. Dr. Francisco Cercas

Dr. Sancho Oliveira

Dr. Octavian Postolache

Deadline for manuscript submissions

closed (30 June 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/71048

Sustainability

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 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

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