

## Special Issue

# Advances in Air Quality Monitoring Towards Reducing Air Pollution and Health Impacts

### Message from the Guest Editors

The right to breathe healthy air is a fundamental right for all. This right is violated every day, as 90% of the world's population breathes polluted air outdoors and indoors, causing 7 million deaths annually. Therefore, there is a strong need for more comprehensive data on air quality worldwide. One of the most significant uses of reliable air quality monitoring data is to establish a credible link with health impacts. Another very important purpose is to support the validation of models. Modeling is advantageous, as it allows understanding the spatial and temporal trends of air pollution. As such, this Special Issue will focus on air quality monitoring, including all types of methodologies, techniques, and applications. By doing so, this Special Issue will be a useful supplement to the existing literature as it will gather worldwide innovative research on air quality monitoring, including a plethora of techniques reliable enough to be used as tools for improving air quality, for modeling validation, and for assessing air pollution impacts on health.

---

### Guest Editors

Prof. Dr. Fernando Gomes Martins

Dr. Sofia Sousa

Dr. Pedro Branco

---

### Deadline for manuscript submissions

closed (30 November 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/57290](https://mdpi.com/si/57290)

*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)