



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

Guest Editors:

**Prof. Dr. Fernando Gomes Martins**

LEPABE - Laboratory for Process Engineering, Environment, Biotechnology and Energy, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal

fgm@fe.up.pt

**Dr. Sofia Sousa**

LEPABE - Laboratory for Process Engineering, Environment, Biotechnology and Energy, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal

sousa@fe.up.pt

**Dr. Pedro Branco**

Laboratory for Process Engineering, Environment, Biotechnology and Energy, Faculty of Engineering, University of Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal

p.branco@fe.up.pt

### 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.

Deadline for manuscript



15 October 2021

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



an Open Access Journal by MDPI

## 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

## 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. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full 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.

## Author Benefits

**Open Access:**—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High visibility:** indexed by the [Science Citation Index Expanded](#) and [Social Sciences Citation Index](#) (Web of Science), as well as [Scopus](#) and [other databases](#).

**Rapid Publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 14.5 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2020).

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)