

Special Issue

Particle Matter Diminishing Solutions and Strategies for Air Polluted Cities

Message from the Guest Editors

Pollution has profound impacts on human health, the environment, and Earth's systems, including climate regulation. Its reach is global, affecting our well-being through contaminated food, water, and air. Among this, particle matter (PM) is one the main treats to human health. These particles are microscopic solids or liquid droplets that are so small that they can be inhaled. Some particles less than 10 micrometers in diameter can get deep into your lungs and some may even get into your bloodstream. The following Special Issue seeks groundbreaking research that provides innovative solutions for addressing urban pollution, ranging from technical advancements to cultural initiatives and regulatory approaches. We welcome original research papers, review articles, and case studies that address, but are not limited to, the following topics:

- Circular economy models for PM reduction
- Vehicle technology improvement to reduce PM
- Industrial case studies to reduce PM
- Culture and education strategies to reduce PM
- Regulations towards PM reduction
- Strategies to reduce PM in developing countries
- PM effects on human health
- Characterization and evaluation of PM in large cities

Guest Editors

Prof. Dr. Henry Alonso Colorado Lopera

Prof. Dr. Mauricio Correa-Ochoa

Dr. Jeiser Rendón

Deadline for manuscript submissions

20 October 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/221805

Sustainability
Editorial Office
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 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)