

## Special Issue

# Atmospheric Pollution and Environmental Chemistry: Towards Sustainable Solutions

### Message from the Guest Editor

This Special Issue embraces a holistic and multidisciplinary approach, focusing on the chemistry of air pollution, anthropogenic influences on atmospheric systems, and emerging technologies for air remediation. We welcome contributions that connect fundamental molecular understanding with applied strategies, bridging mechanistic insights, risk evaluation, and the real-world impact of innovative solutions. By weaving together traditional environmental chemistry with forward-looking remediation techniques—including nature-based solutions, smart materials, and bio-inspired filtration—this Issue seeks to support science-driven, sustainable pathways for restoring harmony to the air we breathe. We welcome original research articles and reviews on topics including (but not limited to) the following:

- Source identification and fate of airborne pollutants;
- Advances in analytical methods for air quality monitoring;
- Health risk assessment related to air contaminants;
- Development and evaluation of innovative air remediation technologies;
- Nature-based and bio-inspired solutions for air purification;
- Interdisciplinary approaches integrating chemistry, environmental science, and sustainability.

---

### Guest Editor

Dr. Silvia Mosca

Italian National Research Council, Institute for the Atmospheric Pollution Research, Strada Provinciale 35d, n. 9, 00010 Montelibretti, RM, Italy

---

### Deadline for manuscript submissions

closed (10 May 2026)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 8.9



[mdpi.com/si/245121](https://mdpi.com/si/245121)

*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 8.9



[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. 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.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## 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, CAPlus / SciFinder, and other databases.

### Journal Rank:

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