



## Atmospheric Pollution in Highly Polluted Areas

Guest Editors:

**Dr. Shenbo Wang**

**Dr. Shasha Yin**

**Dr. Xiao Li**

**Dr. Xiaohui Ma**

Deadline for manuscript  
submissions:

**closed (31 May 2025)**

### Message from the Guest Editors

Air pollution remains the greatest environmental health threat worldwide, in some countries and regions, the PM<sub>2.5</sub> concentrations exceed the standard by more than five times. Research regarding air pollution in these regions is often lagging and insufficient due to the economic development constraints. However, under conditions of unique emission characteristics, meteorological conditions, and geographical locations, the formation mechanisms of atmospheric pollution may vary, thus necessitating in-depth research. Therefore, we aim to promote the publication of papers focusing on air pollutants in highly polluted areas in this Special Issue. In particular, whether original research papers or review articles, the Special Issue invites studies including, but not limited to, the following topics:

1. Investigating the characteristics of air pollutants in pollution progress;
2. Exploring the sources and formation mechanisms of air pollutants in highly polluted areas;
3. Assessing the impacts of air pollutants on human health, ecosystems, and climate systems;
4. Discussing strategies and interventions for mitigating air pollution and improving air quality.





an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Daniele Contini

Institute of Atmospheric Sciences  
and Climate (ISAC), National  
Research Council (CNR), Str. Prv.  
Lecce-Monteroni km 1.2, 73100  
Lecce, Italy

## Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

**Journal Rank:** CiteScore - Q2 (Environmental Science (miscellaneous))

## Contact Us

---

Atmosphere Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/atmosphere](http://mdpi.com/journal/atmosphere)  
[atmosphere@mdpi.com](mailto:atmosphere@mdpi.com)  
[X@Atmosphere\\_MDPI](https://twitter.com/Atmosphere_MDPI)