



## Air Pollution in Industrial Regions

Guest Editors:

**Dr. Nima Afshar-Mohajer**

Air Quality Scientist, Gradient  
Corp, Boston, MA 02108, USA

**Dr. Sinan Sousan**

Department of Public Health,  
Eastern Carolina University,  
Greenville, NC, USA

Deadline for manuscript  
submissions:

**closed (31 August 2022)**

### Message from the Guest Editors

Dear Colleagues,

Although regulatory efforts starting from 1970s have reduced the average levels of the criteria air pollutants over time, they have failed to specifically address near-source hot spots of these air pollutants causing adverse health impacts. In recognition of such a gap in current regulatory frameworks, we are hosting this Special Issue to showcase the most recent findings related to the improvement of air-quality monitoring tools to quantify the health risk of exposure to the criteria air pollutants in residential areas with respect to specific occupational and environmental settings.

This Special Issue aims to shed light on proposing modified ways of regulating the air pollutants that considers the population density in the vicinity of industrial sites. Original results from field and controlled investigations, subjective surveys, pilot-scale setups, models, epidemiology studies, meta-analysis, and review papers related to the evaluation of the existing ambient air-pollution regulations for the protection of public health and development of new regulations for air are all welcome contributions.





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)