



## Air Pollution, Climate Change, and Their Role in Human Health

Guest Editors:

**Dr. Ruijing Ni**

Multiphase Chemistry  
Department, Max Planck Institute  
for Chemistry, 55128 Mainz,  
Germany

**Dr. Jingxu Wang**

Key Laboratory of Physical  
Oceanography, College of  
Oceanic and Atmospheric  
Sciences, Ocean University of  
China, Qingdao 266100, China

**Dr. Lulu Chen**

College of Urban and  
Environmental Sciences, Peking  
University, Beijing 100871, China

Deadline for manuscript  
submissions:

**closed (15 June 2023)**

### Message from the Guest Editors

Air pollution and climate change are major environmental crises posing threats to public health. Moreover, the complicated interactions between the two risks may make them even more life-threatening. This Special Issue aims to gather studies on air pollution, climate change, and/or their impacts on public health, to achieve a better understanding of the potentially catastrophic environmental risk to human beings. Papers addressing issues related to any of these subject areas are welcome, including but not limited to research papers, reviews, and policy recommendations on the topics listed below:

- Epidemiological or experimental studies addressing the association between air pollution exposure/climate change and health outcomes;
- The underlying mechanisms of health effects of air pollution/climate change;
- Impacts of human activities on air quality/climate change and the associated health outcomes;
- Roles of air pollutants in climate change and the resulting health threats;
- Impacts of climate change on air quality and the associated health impacts;
- Interactions between air pollution and climate change and the associated health effects.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Paul B. Tchounwou**

RCMI Center for Urban Health  
Disparities Research and  
Innovation, Richard Dixon  
Research Center, Morgan State  
University, 1700 E. Cold Spring  
Lane, Baltimore, MD 21251, USA

## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

## Author Benefits

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

**High Visibility:** indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Public Health, Environmental and Occupational Health*)

## Contact Us

---

International Journal of  
Environmental Research and Public  
Health Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

[mdpi.com/journal/ijerph](http://mdpi.com/journal/ijerph)  
[ijerph@mdpi.com](mailto:ijerph@mdpi.com)  
[X@IJERPH\\_MDPI](https://twitter.com/IJERPH_MDPI)