



Urban Air Pollution, Meteorological Conditions and Human Health

Guest Editors:

Dr. Zhaobin Sun

Chinese Academy of
Meteorological Sciences, China
Meteorological Administration,
Beijing, China

Prof. Dr. Jun Yang

School of Public Health,
Guangzhou Medical University,
Guangzhou 511436, China

Dr. Ling Han

National Institute for
Communicable Disease Control
and Prevention, Chinese Center
for Disease Control and
Prevention, Beijing, China

Deadline for manuscript
submissions:

30 October 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue welcomes the submission of novel and original papers addressing urban air pollution, meteorological conditions and health, including, but not limited to, the following topics:

- Synthetical effects of urban air pollution and meteorological conditions on public health;
- Risk assessment of urban heat islands and extreme heat events on human health, and vulnerability risk mapping at a finer resolution;
- Future projections of the impact of urbanization and climate change on urban populations;
- Modification effects of socioeconomic factors on the association between the urban environment and health;
- Assessment of urban residents' capacity to adapt to air pollution and climate change;
- Effect of urbanization and climate change on infectious diseases.

Dr. Zhaobin Sun
Prof. Dr. Jun Yang
Dr. Ling Han
Guest Editors





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

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](https://twitter.com/Atmosphere_MDPI)