



## Air Pollution in Urban Agglomerations

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Deadline for manuscript  
submissions:

**closed (1 June 2023)**

### Message from the Guest Editor

According to the World Health Organization, nowadays, 9 out of 10 people breathe air containing high levels of pollutants. Air pollution is a public health concern, and the exposure to air pollutants in urban areas can cause severe health problems such as increased morbidity and mortality and alterations in the respiratory, cardiovascular, and cerebrovascular systems. Thus, since approximately 54% of the world's population lives in urban areas, there is a great need to advance our scientific understanding of air pollution in urban areas to improve air quality and protect public health.

This Special Issue aims to gather submissions of novel and original papers and reviews on urban air pollution, including but not limited to the following topics:

- Urban atmospheric chemistry
- In situ and satellite-based observations of trace gases and particulates
- Air pollution and meteorology
- Air quality modeling
- Pollution control measures
- Quantification of pollutant emissions at urban scales

This list is not exhaustive and all relevant research will be considered.





## Editor-in-Chief

### Prof. Dr. Ilias Kavouras

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## 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!

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