



Feature Papers in Air Pollution, Health Effects Indicators, Exposome, and One Health

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

We are pleased to announce that *Atmosphere* is now compiling a collection of outstanding papers in the field of air pollution and human health. We welcome contributions from the research community.

Ambient air pollution is ranked as the seventh highest risk factor for human health, being responsible for several millions deaths per year globally. Although it has been widely recognized that particulate matter, and especially fine PM_{2.5} fraction, causes adverse health effects, there is still a gap of knowledge of the exact mechanisms of toxicity and of how different aerosol components can act and interact to influence observed particulate matter toxicity under real-world conditions.

We encourage papers focusing on air quality and health, on the analysis of pollution-related indicators of health effects, on the mechanisms linking exposure to air pollutants to health threats in the real-life scenario, and on studies based on multicomponent approaches aiming to identify the number of highly interconnected physical, chemical, and biological stressors and the way these can influence humans, animals, and the environment.





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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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