



Outdoor and Indoor Ambient Air Pollution and Its Harmful Effects on Public Health

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Deadline for manuscript
submissions:

closed (15 July 2022)

Message from the Guest Editors

Dear Colleagues,

Nowadays, ambient air pollution is recognized as the most important environmental threat due to its negative effects on air quality and public health. The composition of both indoor and outdoor air ambient varies widely depending on their sources. Specific components of aerosol, emitted into the atmosphere by natural processes and human activities such as metals, organics, and volatile organic compounds are believed to induce relevant toxicological effects. The chemical characterization of atmospheric pollutants and the identification of their sources represent key tools for the assessment of environmental and human health impacts. This Special Issue enters this context and invites submissions of novel and original papers and reviews on ambient air pollution including but not limited to studies regarding outdoor and indoor ambient air pollution and its harmful effects on public health and the identification of natural and anthropogenic pollution sources.





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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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Journal Rank: CiteScore - Q2 (*Environmental Science (miscellaneous)*)

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