



## Air Pollution and Human Health: Current Progress, Challenges and Future Prospects

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### Message from the Guest Editors

Both ambient and indoor air pollution pose a great threat to human health, with some of the most disadvantaged groups in our global community being disproportionately affected. In high-income countries, adverse health effects have been reported even at a relatively low level of ambient air pollution, and indoor air quality is impacted by radon, second-hand smoke, mold, and other types of exposure. In most low- and middle-income countries, the ambient air remains severely polluted and a significant proportion of the population relies heavily on polluting fuels for cooking and heating. One major challenge is to characterize the sources and toxicity of air pollution in terms of its health impact. Another challenge is to analyze the interactions of air pollution with other common exposures. This Special Issue welcomes the submission of original research articles, reviews, and short communications targeting any of these core research questions in relation to air pollution and human health.





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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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