Special Issue

Effect of Particulate Matter Exposure on Vulnerable Populations

Message from the Guest Editor

Particulate air pollution is a well-known risk factor for human health, causing more than 3.7 million deaths per year worldwide. Although numerous studies have been conducted on this issue in recent decades, many gaps exist regarding susceptibility, vulnerability, and modifying factors. More investigation is needed to further understand the role of particulate air pollution in causing detrimental effects to health in vulnerable populations.

In this Special Issue, original research articles, narrative and systematic reviews, meta-analyses, and short communications are welcome. Research areas may include, but are not limited to, the following: exposure assessment in vulnerable populations, adverse health effects associated with particulate air pollution, population vulnerability to the health effects of air pollutants, interaction effects of meteorological factors or gaseous and particulate pollutants on health outcomes, and disparities in the impact of air pollution.

We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

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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!

Editor-in-Chief

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