

Special Issue

Particulate Air Pollution and Human Health

Message from the Guest Editors

To address the knowledge gaps in this field, we invite authors to contribute studies to this Special Issue entitled “Particulate Matter and Human Health” that apply exposure assessments to PM, including but not limited to geospatial models, satellite-based models, chemical transport models, indoor measurements, and personal exposure assessments to explore: (1) The effects of PM with different source, composition, or size (especially for ultrafine particles) on human health; (2) The critical time window and harmful dose of PM and its components for human health; (3) The synergistic effects of PM with weather conditions (e.g., extreme temperature, relative humidity) on human health; (4) The synergistic effects of PM with other gaseous pollutants on human health. We also welcome review articles for this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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