Special Issue

Health Impacts Related to Indoor Air Pollutants

Message from the Guest Editors

Air pollution has caused significant concern worldwide due to its widespread nature, damage to our environment, and risk to human health. Both long-term and short-term exposure to air pollution have been linked to various diseases, e.g., cardiopulmonary diseases, cancer, diabetes, tuberculosis, neurodegenerative diseases, mental health issues, pregnancy losses, reduced birth weight, and decreased life expectancy. Although the biological mechanisms underlying these adverse health effects remain obscure, significant progress to uncover them has been made. This Special Issue will provide a platform allowing the scientific community to promote their investigations and ideas, using both conventional and emerging tools, to tackle the issue. The current issue will focus on, but is not limited to, the following areas:

- Indoor air pollution;
- Organic and inorganic contaminants;
- Bioaerosols;
- Measurements, forecasting and modeling of indoor air quality;
- Source apportionment;
- Air quality and human health impacts;
- Exposure assessment;
- Epidemiology;
- Toxicology;
- Characterization, communication, and management of risk.

Guest Editors

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Deadline for manuscript submissions

closed (26 June 2024)

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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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