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Indoor Air Quality and Health Impacts

Guest Editors:

Message from the Guest Editors

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Deadline for manuscript submissions: closed (22 August 2022)

One of our era's greatest scourges is air pollution, on account not only of its impact on climate change but also its impact on public and individual health due to increased morbidity and mortality. Indoor pollution sources that release gases or particles into the air are the primary cause of home indoor air quality problems. Inadequate ventilation can increase indoor pollutant levels by not bringing in enough outdoor air to dilute indoor sources emissions and not carrying indoor air pollutants out of the home. High temperature and humidity levels can also increase concentrations of some contaminants. There are many sources of these pollutants in indoor environments such as building materials, personal care products, outdoor air pollutants via cross-ventilation.

Several indoor pollutants have carcinogenic and endocrine disruption properties that cause several health implications. This collection is to find and make direct articles on the subject of indoor air quality and health impacts covering its different aspects. Original papers, review papers, and short communications are all welcomed for submission.



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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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