Special Issue

Effects of Indoor Air Quality on Human Health

Message from the Guest Editor

The complex interplay between exposure to multiple indoor air attributes and human response still merits further exploration. The understanding of both the epidemiology and the toxicity mechanism is not clear enough to understand the role of IAQ factors on specific health outcomes, e.g., inflammation, respiratory and cardiac diseases, severe cognitive deficit, cancer, and DNA changes. Notably, scientifically sound metrics are still lacking to quantitatively measure IAQ's effects on human health and work performance. In recognition of the above research needs, this Special Issue is being organized to share the advanced and multidisciplinary research efforts exploring the relationship between indoor air quality and human health, comfort and cognitive function. Original or reviewed results from field or controlled measurements, subjective surveys, epidemiological models, and numerical simulations are all welcome contributions. Authors are encouraged to provide scientific evidence or practical suggestions to guide the development of new policies and standards for creating healthier and more productive indoor environments.

Guest Editor

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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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