Special Issue

Transport and Deposition of Ultrafine Particles and Its Health Effects

Message from the Guest Editor

This Special Issue aims to present the latest research findings in the field of inhalation exposure to UFPs in urban environment. We encourage submissions that address the transport and distributions of UFPs due to air pollution in urban environment and the links between the exposure to UFPs and the health effects. This can include measurements and numerical predictions of UFPs in indoor or outdoor settings, ultrafine particle transport and deposition in various components of the respiratory system. Contributions may also include epidemiologic studies and surveys on the association between outdoor and indoor air pollution and adverse health effects, as well as discussion on recent advances in developing animal inhalation toxicity models for humans.

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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