

Special Issue

Aerosols above the Most Polluted Parts of Eurasia: Problems and Challenges

Message from the Guest Editor

Climate change is a looming threat for the current generations, which will likely affect the well-being of future generations. Aerosols are one player that has a critical role in global warming. Aerosol particles are ubiquitous and these are emitted with increasing intensity as economies are growing and with increasing urbanization. The continents of Asia and Europe have an interesting mix of sources, composition, levels and effects. What is the net effect of aerosols? Some part of the aerosols, except black carbon, counteracts global warming, while fine particulates have a tremendous effect on human health, especially on the vulnerable populations (fetuses, pregnant women and elderly populations). In this Special Issue, we are inviting high impact articles from a wide spectrum of topics covering Europe and Asia. Original research that has highest likelihood to inform policy and studies that are focused on marginalized population will be given priority. We seek articles on mitigation measures that have demonstrative effectiveness.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



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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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