



Advances in Understanding Aerosols Filtration

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Message from the Guest Editor

Dear Colleagues,

Over the last century, the effect of the air quality on human activities has been demonstrated beyond any doubt. Airborne contaminant impacts machinery lifetime, human health, and many aspect of everyday life. To avoid unwanted effects induced by poor air quality, filtration technologies are widely used and continuously improved. The need for reliable and efficient technologies is a real issue for a very wide range of uses, from general high flowrate ventilation systems to personal protective devices or small electronic cooling.

This Special Issue aims to gather original works, new approaches, and scientific reviews on air filtration-related topics. Experimental, numerical, and original approaches to design, understand, or improve current knowledges on this thematic are welcome.

Dr. Soleiman Bourrous

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!

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