



## Sand and Dust Storms: Impact and Mitigation Methods

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### Message from the Guest Editors

Following a rise in dust events around the world, public awareness of aeolian dust (fine and ultrafine) has increased. Due to increased public worry about dust, the medical community must be prepared in several areas, including scientific confirmation of health dangers, risk prevention and reduction rates, and communication of risk. It is difficult to provide credible aeolian dust warnings and forecasts due to a lack of shared experiences and information among government authorities, research institutes, environmental agencies, and meteorological agencies. Although silica dust is the most common component of aeolian dust, it also contains components that occur naturally. Therefore, this Special Issue is focussed on the health, economic, and other impacts of sand and dust storms, and seeks success stories from around the world in controlling/reducing adverse impacts of sand and dust storms.





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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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