Special Issue

Atmospheric Aerosol Pollution

Message from the Guest Editors

Atmospheric aerosols represent a significant challenge to both environmental health and climate stability. These minute solid or liquid particles suspended in the air are ubiquitous in our atmosphere. While some aerosols originate from natural sources, a significant portion arises from human activities, interacting with the environment in complex ways.

This Special Issue will focus on the complex realm of atmospheric aerosol pollution, emphasizing the urgent need to characterize and understand the behavior and fate of these particles. It aims to identify the factors influencing aerosol trends and composition and their ultimate effects on environmental and public health. By featuring new studies on atmospheric aerosols, this Special Issue will provide a comprehensive and timely overview of the current state of knowledge on atmospheric aerosol pollution. It will offer valuable insights into the multifaceted nature of aerosols, their impacts on various aspects of the environment and human well-being, and potential strategies for mitigating their adverse effects. We invite submissions of research papers, critical reviews, and case studies that contribute to this vital topic.

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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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