Special Issue

Sources, Characterization and Control of Particulate Matter

Message from the Guest Editors

Particulate matter is one of the most studied air pollutants in the literature due to its adverse health effects. The impacts of climate change in desert regions and increasing industrialization and urbanization are some of the causes of increasing concentrations of particulate matter in the atmosphere in the last few decades. Therefore, it is crucial to improve knowledge about the behavior of particulate matter in order to develop strategies and build tools to predict its concentration. Given the scientific community's keen interest in this pollutant, the open-access journal *Atmosphere* is hosting a Special Issue to showcase the most recent findings related to the sources, characterization and control of particulate matter. Whatever the origin and size of the particles, all papers using field measurements, remote sensing, soundings and models are welcome. These articles can cover areas ranging from local to synoptic scale. With the recent increase in the number of volcanic eruptions around the world, this Special Issue is also a suitable place for articles that discuss particulate matter in ash and its impact on human health.

Guest Editors

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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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