Special Issue

Aerosol Pollution in Asia

Message from the Guest Editors

It is known that atmospheric aerosols impact air quality and lead to severe public health problems. Also, atmospheric aerosols play an important and complex role in the climate through the effect on the Earth's radiation budget. The aerosol distribution in Asia is complicated due to natural factors and human activities. This area has the highest concentration of aerosols in the world. In general, aerosols exhibit remarkable effects near the sources, as their atmospheric lifespans are short. This suggests that aerosols impact the environment and climate in Asia. The concentration of aerosols connected with human activities has been increasing alongside economic growth in Asia. On the other hand, the emission of anthropogenic aerosols is predicted to decrease by controlling air pollution. Thus, aerosols in Asia are important issues, not only for research, but also for society. We invite researchers to contribute original research articles and review articles, dealing with all aspects of aerosols in Asia. Ground observations, satellite observations, and modeling approaches are welcomed. We are also interested in studies about natural aerosols.

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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!

Editor-in-Chief

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