Special Issue

Air Pollution in Asia

Message from the Guest Editors

The aim of this Special Issue is to provide recent research activities in the field of air pollution in Asia, including particulate matter, ozone and other air pollutants. In Asia, anthropogenic emissions have sharply increased in recent years as a result of high economic growth with rapid industrialization, urbanization, and motorization, as well as agricultural activities. Enhanced emissions are always associated with the degradation of air quality, and have negative impacts on human health and climate. The contents of this Special Issue favor, but are not limited to, air quality measurements; air quality modeling involving mainstream models such as CALPUFF, CMAQ, CAMx, etc.; source apportionment analysis and control policy; satellite data application; and climate change.
Topics of interest for the Special Issue include:
Air quality measurement and modeling.
Source apportionment analysis and control policy.
The applications of satellite data in air quality.
The applications of big data and deep learning technology in the atmospheric field.
Interaction between climate change and air quality.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2024)

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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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