



Air Pollution Modeling and Observations in Asian Megacities

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Message from the Guest Editor

Intense human activity associated with urbanization has caused serious air pollution in Asian megacities, posing great threats to human health and ecosystem. The growing public awareness of environmental improvements has increased the importance of related research. New techniques for observations and modeling are urgently needed to better understand the characteristics, formation mechanisms, source apportionments, and impacts of air pollution in megacities. This Special Issue aims to present innovative research articles and reviews in characterizing air pollution in Asian megacities, including both experimental, monitoring, and numerical modeling studies. Papers that discuss the impacts of air pollution on human health and ecosystem are also welcomed.





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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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