Special Issue

Air Quality in the Asia-Pacific Region

Message from the Guest Editor

The purpose of this Special Issue is to provide updated information on the scientific evidence regarding the current situation of air quality in mega-cities and other urban/rural areas in the Asia-Pacific region, and its impacts on human health and ecosystems. We also aim to investigate the air pollution–climate interaction, and to enhance policy dialogue through discussion on air pollution mitigation measures and co-beneficial control of air pollution and climate change. Studies on temporal and spatial variations of PM2.5, O3, PAHs and other pollutants including their precursors, and their emissions, transport and source allocation, by means of field observation and chemical-transport modelling, are highly welcome for this issue, as well as policy-related studies including the co-control strategy of short-lived climate pollutants (SLCPs). This Special Issue aims to highlight air pollution in the Asia-Pacific region, which has been a focus of international concern regarding the atmospheric environment in recent years.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2018)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 5.4

mdpi.com/si/13186

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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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