Special Issue

Monitoring and Assessment of Air Pollution—Global Diversity in Sources and Impacts

Message from the Guest Editors

This Special Issue seeks original research or review papers that advance the characterization and/or understanding of air pollution worldwide. The specific subjects include but are not limited to: 1) Emerging observations of air pollution over under-monitored regions of the world, including new/modified observation platforms and capabilities; 2) Investigations that unveil unrecognized sources or new insights of air pollution, based on a synthesis of observations and modeling; 3) Assessment of air pollution impacts on human and planetary health, and their attribution to sources; 4) New interpretation and insights of air pollution sources and impacts arising from data science/machine learning techniques.

Guest Editors

Dr. Chi Li

Dr. Xiao Lu

Dr. Jun-Wei Xu

Dr. Yuqiang Zhang

Deadline for manuscript submissions

closed (10 September 2022)

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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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