Special Issue

Data Driven Analysis of Complex Atmospheric Environment

Message from the Guest Editors

Addressing the types of complex air pollution problems faced by today's atmospheric environmental scientists requires the ability to synthesize and analyze heterogeneous data from multiple sources successfully. Advanced data analysis methods have become indispensable tools to reveal hidden patterns in air pollution evolution. The open-access journal Atmosphere is hosting a Special Issue to showcase the most recent findings related to data analysis and methods in atmospheric photochemistry, air quality evolution, meteorological change, greenhouse gases reduction, air quality management and air pollution health effect. This Special Issue is an appropriate venue for papers that deal with complex atmospheric environment data analysis and methods. Any novel experimental and modeling studies that advance understanding of the complex atmospheric environmental problems are all welcome contributions. So the Special Issue aims to build a bridge among the atmospheric pollution emissions, atmospheric photochemistry, meteorological science, atmospheric models, quantitative assessment methods, environmental management and sustainable policy.

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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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