Special Issue

Aerosols: Direct, Semi-direct, and Indirect Radiative Effects

Message from the Guest Editors

This Special Issue welcomes all manuscripts that present novel and advanced scientific contributions in the mechanism analysis and application research of the radiative effects of aerosols, including, but not limited to, the following: - Characteristics of direct, semi-direct, and indirect radiation effects; - Observation, estimation, and model simulations of aerosol radiative effects; - Cause analysis of the properties of the radiative effects of aerosols; - Impacts of the radiative effects of aerosols on terrestrial and marine ecosystems; - Response of human health to the radiative effects of aerosols; - Economic effects of the radiative effects of aerosols.

Guest Editors

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Dr. Jing Zhang

Dr. Jing Wei

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Deadline for manuscript submissions

closed (31 December 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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