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Advances in Mechanisms, Predictability and Prediction of Haze

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Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

With the rapid development of urbanization, air pollution has become one of the most severe environmental problems faced by the world at present; haze pollution has aroused widespread public concern because it can lead to reduced visibility and harm human health. Research on haze pollution involves outlining the physical and chemical properties of atmospheric aerosols, effects and feedback of climate change and meteorological conditions, numerical simulation based on physical and chemical mechanisms, etc. In order to better summarize and present the research progress of haze pollution mechanisms, simulation, and predictability, thoroughly sort out and discuss relevant research results, and widely promote peer exchanges, a Special Issue on Advances in Mechanisms, Predictability and Prediction of Haze will be hosted to call for academic papers. Original research, systematic review, observational analysis, and model studies related to the theme of haze pollution are welcome.

Prof. Dr. Tao Deng
Guest Editor

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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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