Special Issue

Haze Episodes: Characteristics, Sources, Transmission, and Predictions

Message from the Guest Editors

Although remarkable achievements have been made in environmental governance, many cities are still facing greater pressure on emission reduction. Large-scale haze episodes still occurred with the daily average concentration of pollutants exceeding national standards. The focus of this Special Issue, therefore, is to compile the research addressed to the characteristics, sources, transmission, and predictions of haze episodes. The issue will direct attention to atmospheric pollution, pollution characteristics, source apportionment, regional transportation, and predictions of air pollutants (e.g., PM2.5, VOCs, O3...). We invite you to submit novel research studies, as well as review articles, that investigate characteristics, sources, transmission, and predictions of air pollutants during haze episodes. Studies relating to air quality, air pollution control, and fine source, as well as policy-related studies, are highly welcome. This topic would represent a notable contribution to this important scientific field.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2023)

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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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