



Advances in Transportation Meteorology

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Message from the Guest Editors

In recent decades, concentrated and continuous efforts have been made on meteorological analyses no matter the urban traffic or transportations, including the urban traffic, highway, shipping, aviation, etc. Plenty of methods and techniques have been extensively developed to promote the qualities of both observations and forecasts. More recently, state-of-the-art machine learning frameworks have also been widely introduced into studies regarding the transportation meteorology and many other fields.

The current Special Issue seeks original reviews and papers encompassing all aspects, from observations, forecast method, formation mechanism to influence analysis of transportation meteorology and linked extreme events, which aims to span the well-established but rapidly growing field of transportation meteorology and to prevent and reduce the associated hazards more sufficiently.





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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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