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Observation, Simulation and Predictability of Fog

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Deadline for manuscript submissions:
closed (30 April 2020)

Message from the Guest Editors

The societal impact of fog has significantly increased during recent decades due to increasing air, marine and road traffic. The financial cost related to fog has become comparable to the losses from other weather events like storms.

Recent studies highlight the remaining difficulties in predicting and measuring fog at various scales of time and space. This Special Issue is expected to represent an important step in the direction of addressing new scientific challenges in fog-related research, and operational applications. Therefore, we invite authors to submit original articles that aim to study fog and its variability and predictability at various scales. Intercomparison studies of well-documented events are also welcomed.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers).

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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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