Special Issue

Weather Events, Air Pollution and Associated Atmospheric Variability

Message from the Guest Editors

Understanding day to day weather and air quality over any region is essential for better weather prediction. The studies may be related to normal weather variability, understanding daily to seasonal variability from micro to synoptic-scale, or examining an extreme weather event over a particular region. This issue aims to provide readers with key points using advanced predictive, cognitive analytical techniques and environmental data analysis. This issue invites authors to submit papers exploring advanced analytics in solving weather events, variability, and air pollution-related problems. This Special Issue invites to submit papers across the broader spectrum of weather events and air pollution (e.g., weather events, natural hazards, air quality monitoring and modelling, climate change, risk, exposure assessment, remote sensing, greenhouse gases, trace gases, natural hazards, extreme weather events). The submission of research work by interdisciplinary teams and multi-country groups are of significant interest. We invite researchers to contribute original research articles and review papers for peer-review and possible publication.

Guest Editors

Dr. Bhishma Tyagi
Dr. Naresh Krishna Vissa
Dr. Ciaran Broderick

Deadline for manuscript submissions

closed (31 May 2022)

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About the Journal

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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