Special Issue

Meteorological Models: Recent Trends, Current Progress and Future Directions (2nd Edition)

Message from the Guest Editors

This Special Issue is the second volume in a series of publications dedicated to recent trends, current progress and future directions in meteorological models (https://www.mdpi.com/journal/atmosphere/special_issues/meteorological_models). The radio signals from Earth observation satellites, including GNSS and SAR, used in remote sensing are delayed and bent during their journey from the satellite to the Earth's surface. To establish atmospheric models with high accuracy is a crucial task in Earth observation data processing. For this Special Issue, we welcome submissions of articles that discuss recent trends, current progress and future directions for the tropospheric model, ionospheric model, and other relevant atmospheric models, as well as articles that describe the establishment, comparison and application of various atmospheric models. New research relevant to atmospheric modeling, including radio occultation measurements, atmospheric inversion techniques, assimilation techniques and GNSS-R is also welcome.

Guest Editors

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Deadline for manuscript submissions

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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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