

Special Issue

Atmospheric Electricity (2nd Edition)

Message from the Guest Editors

This Special Issue is the second edition of the Special Issue entitled “Atmospheric Electricity” (https://www.mdpi.com/journal/atmosphere/special_issues/atmospheric_electricity) published in *Atmosphere*; it will cover all aspects of atmospheric electricity issues. Although atmospheric electricity has a long research history, epoch-making discoveries have been made in each period. In recent decades, lightning/thunderstorm-induced energetic radiation, transient luminous events such as sprites and elves, as well as terrestrial gamma-ray flashes, have been discovered. This Special Issue on atmospheric electricity is, therefore, open for submissions of multidisciplinary and various other studies focused on a conventional research field, such as global electric circuit, lightning physics, aerosol and cloud microphysics, and thunderstorm electrification, as well as a modern research field, such as lightning/thunderstorm-generated energetic radiation, transient luminous events, and the evolution of the Earth’s climate.

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Deadline for manuscript submissions

closed (1 October 2025)



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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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