Special Issue

Space-Based Observations of Lightning and Related Phenomena

Message from the Guest Editors

This Special Issue, titled “Space-Based Observations of Lightning and Related Phenomena”, aims to collate research on the dynamic and complex nature of atmospheric electrical events as observed from space. Recent advancements in satellite technology and data analysis have significantly enhanced our understanding of these phenomena, which include not only traditional lightning strikes but also more elusive transient luminous events (TLEs) and terrestrial gamma-ray flashes (TGFs). These studies are crucial for understanding the electrical and energetic processes that occur in the Earth's atmosphere, impacting weather patterns and climate systems globally. Contributions to this issue will cover a range of topics, from the mechanisms driving these events to their implications for climate and weather forecasting. By providing a comprehensive review of the latest observational techniques and findings, this Special Issue seeks to foster a deeper understanding of atmospheric electrical phenomena and their role in the Earth system.

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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