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Atmospheric Measurement Techniques

Guest Editor:

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closed (20 December 2024)

Message from the Guest Editor

This Special Issue will highlight the latest advancements in atmospheric measurement techniques, which are crucial for understanding environmental and climatic changes. The focus will be on innovative methodologies, new instruments, and the integration of traditional and modern technologies to improve measurement accuracy and reliability. We will feature cutting-edge research on remote sensing, in situ measurements, data integration, and instrument calibration. The issue will also cover insights from recent field studies and the potential of emerging technologies like UAVs and nanosatellites. By emphasizing the importance of standardizing measurement techniques, we aim to ensure data consistency across studies. Contributions from researchers, engineers, and practitioners will provide a comprehensive overview of current and future trends, fostering collaboration and innovation in atmospheric sciences. This Special Issue seeks to advance our understanding of atmospheric processes and their impact on the global environment.

Keywords

- atmospheric measurement
- remote sensing
- in situ measurements
- data integration
- field studies
- standardization

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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