

Special Issue

Advancements in Thunderstorm Nowcasting and Atmospheric Electricity Monitoring by Remote Sensing

Message from the Guest Editor

This Special Issue aims to reflect advances in thunderstorm nowcasting based on Remote Sensing. Thus the topic covers several sections of Remote Sensing: Atmospheric Remote Sensing, Environmental Remote Sensing, Earth Observation Data and Earth Observation for Emergency Management.

- Recent advances in lightning networks and radar and satellite systems and their benefit for thunderstorm nowcasting;
- Recent advances concerning atmospheric motion vectors;
- Recent advances in analysis and monitoring of thunderstorm life cycles;
- Recent advances in convective initiation;
- Recent advances concerning data fusion for thunderstorm nowcasting;
- Recent advances in the use of artificial intelligence for thunderstorm nowcasting;
- Recent advances in emergency management based on thunderstorm nowcasting.

Guest Editor

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Message from the Editor-in-Chief

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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