Special Issue

Remote Sensing for High Impact Weather and Extremes

Message from the Guest Editor

This Special Issue invites submissions of original research, reviews, methodology papers, and case studies that demonstrate the application of remote sensing methods to monitor and predict high-impact weather. The scope of this Special Issue includes, but is not limited to, the following topics:

- Advanced remote sensing techniques for detecting and tracking severe weather events, such as tropical cyclones, thunderstorms, and severe precipitation;
- Integration of multi-source remote sensing data for improving weather forecasting and warning systems;
- Assimilation of remote sensing data for improved numerical prediction of extreme weather;
- Use of remote sensing for assessing the impacts of extreme weather on the environment and society;
- Development of new models and algorithms for processing large-scale, high-resolution remote sensing data relevant to severe weather;
- Evaluation of remote sensing data quality and uncertainty in impact weather studies.

Guest Editor

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Deadline for manuscript submissions

closed (25 September 2024)

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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.

Editor-in-Chief

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