Special Issue

Advanced Satellite Remote Sensing Techniques for Meteorological, Climate and Hydroscience Studies

Message from the Guest Editors

Satellite remote sensing technology, e.g., weather satellite-based sensing techniques and the Global Navigation Satellite Systems (GNSS) atmospheric sounding technique, has undergone unprecedented development in recent years. To take advantage of the cutting-edge satellite remote sensing technology, especially advanced GNSS atmospheric sounding techniques, this Special Issue mainly focuses on, but is not limited to:

- Effective mining/analysis of multi-type satellite data and their derivatives;
- Advanced multi-GNSS data processing, atmospheric sounding and modeling;
- Synthetic application from the use of satellite remote sensing data and products;
- Data assimilation technique in operational earth system models;
- Advanced machine learning-based approaches for climate monitoring, weather prediction and hydrological investigation;
- Furthermore, miscellaneous interdisciplinary researches, advanced methods and new applications towards the fields of meteorology, climatology and hydrology are also welcomed.

Guest Editors

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Deadline for manuscript submissions

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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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