Special Issue

Advancements in Microwave Radiometry for Atmospheric Remote Sensing

Message from the Guest Editors

The aim of this Special Issue is to explore the latest advancements in microwave radiometry for atmospheric remote sensing. We invite submissions that showcase innovative methodologies, techniques, and applications related to microwave radiometry analysis in the context of atmospheric remote sensing. We welcome research articles, reviews, and case studies that address the following topics:

- Microwave radiometry data acquisition and preprocessing techniques for atmospheric remote sensing.
- Development and validation of algorithms and models for the microwave radiometry-based retrieval of atmospheric parameters.
- Integration of microwave radiometry data with other sensing and in situ observations for comprehensive atmospheric assessments.
- Applications of microwave radiometry in weather forecasting, climate modeling, and air quality monitoring.
- Evaluation of the effectiveness of microwave radiometry in supporting decision-making in atmospheric sciences.

Guest Editors

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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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