Special Issue

Microwave Remote Sensing for Quantitative Parameters Retrieval: Methods and Applications

Message from the Guest Editors

For the remote sensing monitoring of the Earth's surface, microwave remote sensing, including active (SAR, Scatterometers) and passive (Radiometers) methods, has shown a high potential to provide valuable information at various spatial and temporal scales. In recent years, the availability of open, global microwave data has gained increasing importance in Earth observation because of its ability to operate on all days. The suitability of microwave data for the monitoring of main land parameters has been demonstrated using spaceborne, airborne and ground-based sensors. For this Special Issue, we welcome the submission of manuscripts addressing all aspects that merge the use of microwave remote sensing data with physical radiative transfer models, statistical models, machine learning algorithms, artificial Intelligence (AI) and deep learning (DL) in quantitative parameter retrieval.

Guest Editors

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Deadline for manuscript submissions

closed (23 December 2022)

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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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