

Special Issue

Electromagnetic Modeling in Microwave Remote Sensing

Message from the Guest Editors

Microwave remote sensing offers a unique capability for monitoring the natural processes and available resources on our Planet. Notwithstanding the considerable progress made in the development of different classes of microwave sensors and the rich multidimensional information they can provide, the full interpretation and exploitation of the empirical data remains a challenging task. Finding a quantitative relation between the observables and the natural parameters is a key-problem in remote sensing. Accordingly, electromagnetic modelling has a profound influence on the design of remote sensing applications, thus still posing challenging problems. This special issue aims at highlighting recent progress in electromagnetic modelling and its application to microwave remote sensing, with relevance for geoscience and environmental investigations.

Guest Editors

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closed (31 December 2021)



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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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