



Electromagnetic Modeling in Microwave Remote Sensing

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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.





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Message from the Editor-in-Chief

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