Special Issue

Recent Innovative Microwave Remote Sensing Instrumentation for Land Surface Applications

Message from the Guest Editors

In the last three decades, microwave remote sensing has shown a high potential in characterization of land surface parameters (soil moisture, vegetation biomass, water covers, etc.). In this context, a very rich activity has been developed to propose techniques (satellite, airborne, in situ) and methodologies to optimize contribution of microwave remote sensing, in terms of precision, spatial, and temporal resolutions. This Special Issue is aimed to submissions of both review and original research articles related to recent innovative microwave remote sensing instrumentation for land surface applications (water resources, forest, agriculture, etc.). It is open to contributions in instrumentation, methodologies for data processing, etc., in active microwaves, passive microwaves, GNSS, GNSS-R, etc.

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Deadline for manuscript submissions

closed (30 November 2017)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/8159

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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