

Special Issue

Calibration and Validation of SAR Data and Derived Products

Message from the Guest Editors

In the past decades, we have seen a continuous increase of SAR missions and sensors, and recently, we observed a growing tendency to move towards open and free distribution of SAR data and processors.

Moreover, the high quality of the available datasets has promoted the uptake of SAR data and SAR derived geophysical products in various applications. This is expected to keep on expanding with the advent of new missions, operating at various frequency bands, and having new product families. All these stresses the importance of having sound calibration and validation approaches, reliable reference data, and multi-mission/multi-sensors inter-comparison exercises to ensure the quality and interoperability of the data.

Finally, in order to fully profit from the growing collection of SAR data in a reliable manner, it is crucial to understand and track the uncertainties of the SAR measurements and their propagation into geophysical quantities.

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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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