

Special Issue

Modern Advances in Electromagnetic Imaging and Remote Sensing: Enabling Hardware, Computational Techniques and Machine Learning

Message from the Guest Editors

The field of radar imaging and remote sensing has been at the forefront of applied electromagnetics for several decades. Because inverse problems are computationally demanding and require the collection of signals imposing the use of complex RF architectures, the search for alternative techniques to simplify the hardware requirements and signal processing has been a major thrust within the remote sensing and radar imaging community. This goal has gained a dramatic traction following the recent evolution of computational techniques, such as compressive sensing, and recent progress in the machine learning field. The objective of this Special Issue is to bring together the electromagnetic sensing and radar imaging communities to present the state-of-the-art research conducted in this field and highlight the emerging technologies in hardware, computational techniques and machine learning for microwave, mmW, and THz radar imaging and remote sensing technology.

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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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