Special Issue

Applications of SAR for Environment Observation Analysis

Message from the Guest Editors

In recent decades, an unprecedented amount of synthetic aperture radar (SAR) data have been gathered by the remote sensing community, boosting the development of an increasing number of applications for the analysis of our environment. This is due to the ability of SAR sensors to operate independently of solar illuminations and penetrate clouds. A common feature among all SAR satellites is their more detailed collection of data about the Earth's surface, which makes SAR imagery a highly valuable tool for scientists and policymakers to better understand our changing environment. This Special Issue aims to publish the latest research advances in statistical modelling, processing, and analysis of SAR remote sensing data for environmental observation analysis. Articles may cover applications of SAR polarimetry, interferometry, and tomography in 1) land; 2) oceans, including ship detection, pollution monitoring; 3) cryospheres, including snow, sea, and iceberg detection; and 4) hazards, including floods, earthquakes, landsides. Researchers are cordially invited to submit their high-quality research articles and reviews for publication in this Special Issue.

Guest Editors

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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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