Special Issue

Latest Advances in Radar Remote Sensing Technologies

Message from the Guest Editors

Radar remote sensing technology is proven to be helpful in providing important information for the urban and built environment, health of infrastructure and environmental changes, ocean monitoring, land cover dynamics, and so on. Moreover, the emergence of new technologies, such as artificial intelligence, machine learning, and big data, provides further new opportunities for radar remote sensing.

This Special Issue aims to introduce the latest advances in high-resolution SAR/InSAR/PolSAR imaging, high-precision SAR/InSAR/PolSAR target detection and recognition, and urban infrastructure monitoring using radar remote sensing technology. Topics may include high-spatial-resolution SAR/InSAR/PolSAR imaging methods, high-precision SAR/InSAR/PolSAR target detection, and recognition approaches as well as algorithms, applications, mechanism studies, various risk assessments and monitoring methods for urban infrastructure, and so on.

keyword: radar remote sensing; infrastructure stability; structural health monitoring; SAR/InSAR/PolSAR imaging; target detection; target; urban physical examination

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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