

Special Issue

Machine Learning Based Remote Sensing Image Classification

Message from the Guest Editors

Today, it is easy to obtain remote sensing images from different types of sensors, such as hyperspectral, multispectral, LiDAR, etc. The classification of remote sensing images (RSIs) is one of the fastest growing research areas because of its wide range of applications. Remarkable efforts have been made in improving classification accuracy, subpixel-level classification and many other aspects during the past few decades. Particularly, in recent years, the development and achievements in machine learning have expanded the application scenarios as well as research methodology of RSI classification. As a result, machine learning-based RSI classification attracts more and more attention. Unlike traditional methods, the machine learning-based methods are capable of extracting and representing features directly from input data with much better performance. This Special Issue will focus on recent advances in new methods, algorithms, and architectures of machine learning to handle the practical challenges and problems in the RSI classification.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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Message from the Editor-in-Chief

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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