Special Issue

Machine Learning and Computational Intelligence in Remote Sensing

Message from the Guest Editors

The goal of this Special Issue is to provide an interdisciplinary communication platform, to develop new machine learning algorithms adapted to the characteristics of remote sensing data. Explore automated and intelligent data preprocessing, feature extraction, and classification methods. Train and validate machine learning models using remote sensing datasets. Share application examples of machine learning in agriculture, forestry, urban development, environmental monitoring, and other fields. Articles may address, but are not limited to, the following topics:

- Application of machine learning in the fusion of multi-source remote sensing data.
- Optimization of deep learning network structures for remote sensing image classification and object recognition.
- New methods and strategies of computational intelligence in remote sensing data processing.
- Automated feature extraction and pattern recognition in remote sensing data.
- Spatiotemporal analysis and dynamic monitoring of remote sensing data.
- Applications of remote sensing data in climate change, disaster response, and sustainable development.

Guest Editors

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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