Special Issue

Machine Learning for Multi-Source Remote Sensing Images Analysis

Message from the Guest Editor

The recent emergence of learning methods comprises a powerful driving force of artificial intelligence technology. Several outstanding machine learning models have been widely used, achieving good performances in multi-object and multiscale remote sensing images. The information from multiple-source images can be combined to achieve more specific inferences compared to single-source images alone. The application of machine learning methods to remote sensing images can be used for pre-processing, retrieval, analysis, interpretation, and mapping in an iterative and holistic way, supporting various types of decision analysis for sustainable development. The current special issue aims to share quality research concerning the application of machine learning techniques to remote sensing images acquired from several sources for increasing the data usability and quality of remote sensing images. The latest advances and trends in restoration and reconstruction algorithms and applications for remote sensing image processing will be presented, addressing novel approaches and practical solutions for multimodal remote sensing data processing and analysis applications.

Guest Editor

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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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