

Special Issue

Intelligent Remote Sensing and Sustainable Management of Landscape and Green Areas

Message from the Guest Editors

With the increase in earth-observing satellites, the volume of timely remote sensing data at large scales is rapidly growing. It is a challenge to mine the potential information in massive remote sensing data automatically and accurately. This Special Issue aims to collect the latest developments and applications of both basic and applied research on deep learning applied in remote sensing, with particular attention to the structure and performance of deep learning models suited to remote sensing data, and the mining of potential natural rules in remote sensing data. Research can focus on, but is not limited to, landscape- or green-areas-related image fusion, image registration, scene classification, object detection, LULC classification, image segmentation, object-based image analysis (OBIA), and so on. The application research of artificial intelligence methods such as machine learning/deep learning and remote sensing technologies such as optical remote sensing, LiDAR, UAV, and InSAR are particularly welcome. Original research articles and reviews are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (26 October 2023)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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