Special Issue

Deep Learning for Environmental Remote Sensing

Message from the Guest Editors

This Special Issue aims to gather cutting-edge contributions using deep learning to analyze remote sensing data for environmental applications. Contributions are accepted in different areas of application, including, but not limited to, environmental studies, agroecology, agroforestry, water management, biodiversity assessment and restoration, forest disturbances, natural resources mapping, disaster management, etc., and can offer methodological contributions including modeling, deep learning architecture search, remote sensing data engineering for DL, benchmarking, open access datasets, etc. Studies reporting on deep learning methods applied to (multitemporal) active or passive remote sensors' data, LiDAR, airborne platforms, drones, and terrestrial vehicles are welcome, as are papers describing techniques exploiting various sources, such as multimodal and multiscale data fusion. Contributions can be submitted in various forms, such as research papers, review papers, and comparative analyses. For more information, please visit: mdpi.com/si/474QRK

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Deadline for manuscript submissions

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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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