

Special Issue

Sustainable Land Management Through Remote Sensing and Data Assimilation Technologies

Message from the Guest Editors

The Special Issue focuses on sustainable land management, encompassing key areas such as farmland protection and land consolidation. Key areas of interest include, but are not limited to, remote sensing techniques for farmland monitoring, the integration of multispectral and hyperspectral data, precision agriculture, land consolidation strategies, soil and water resource management, climate impact modeling, and the development of decision support systems based on data assimilation. Research focused on novel methods for integrating satellite and unmanned aerial vehicle data, AI-driven analytics, and the optimization of agricultural practices will also be considered.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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