Special Issue

Remote Sensing Applications in Archaeology, Geography, and the Earth Sciences

Message from the Guest Editor

Archaeology, geography, and Earth sciences can be regarded as an integrated field devoted to research natural, environmental, humanities, and the social sciences. Remote sensing systems have been widely applied to the data acquisitions of various spatial scales. Innovations in image and signal processing, IoTs, big data, and deep learning models induce new potentials in reconstruction and exploration of ancient people's material culture and so on. This Special Issue focuses on applying remote sensing techniques coupled with data mining method to analyze and discuss contexts among humanities, geographies, and environments. A formal integration of archaeology and geography has been developed for the past twenty or thirty years. In spite of that, continuous innovations, whether in imaging spectroscopy and multimodal imaging or in imaging computing using deep learning models, still motivate scholars to address related issues. The aim of this Special Issue is to compile the latest achievements in the topic and to open up a forum where scholars can contribute their unique findings. Potential topics include but are not limited to the ones covered in keywords.

Guest Editor

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Deadline for manuscript submissions

closed (27 May 2023)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.3

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Message from the Editor-in-Chief

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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