

Special Issue

Remote and Proximal Sensing for Supporting the Optimization and Adaptation of Cultural Practices in Sustainable Agriculture

Message from the Guest Editors

A key concept in the much-needed agricultural transformation is the adaptation of new types of cultural practices, exploiting the technological innovations of our era. The digitization of the agricultural sector has gained momentum the last decades, exploiting technological advances such as customized machinery, Internet of Things (IoT) solutions and Artificial Intelligence (AI) workflows. Within this context, remote and proximal sensing play a pivotal role, since they provide a wealth of information that can support the necessary adaptation of cultural practices towards a more sustainable agriculture, with reduced environmental footprint and with care for human health. Various remote sensing applications provide support towards the adaptation of cultural practices: monitoring or estimating current state, predicting risks, identifying deficiencies and diseases, forecasting yield, etc. The purpose of this Special Issue is thus to collect contributions proposing innovative solutions for supporting cultural practices in all sectors of agriculture, based on remote and/or proximal sensing technologies.

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Deadline for manuscript submissions

closed (30 June 2021)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/48275

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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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