



Emerging Technologies in Earth Observations for Agricultural Monitoring

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Message from the Guest Editors

Dear Colleagues,

In the last decade Earth Observation systems shown significant advances, allowing an unprecedented improvement of data quality and availability with high spatial, spectral and temporal resolutions from different types of sensors. Among the various application areas, agriculture is one of the socio-economic sectors that has the most to gain from remote sensing data. This is even more notable in a context of population growth combined with climate change impacts, forcing the development of more effective and optimized agricultural practices. For this purpose, the data obtained using remote sensing platforms will play a crucial role. However, the large volume of data generated/obtained poses challenges that can only be solved using Big Data and artificial intelligence approaches. As such, the development of new technologies for data processing and interpretation from remote sensed data can be considered.

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