



Use of Satellite Imagery in Agriculture

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Message from the Guest Editors

Facing climate change and an increasing population, the reduced supply of agronomic inputs and the rational exploitation of natural resources should be reconciled with high production standards and farmer income. The use of remote-sensing tools (platform and sensors) such as satellites plays a fundamental role.

With the aim of introducing cutting-edge satellite applications to the scientific community, I invite you to the Special Issue “Use of Satellite Imagery in Agriculture”. I encourage scientists to submit their papers (original research articles and reviews) regarding the use of optical and radar satellite images for precision agriculture application and sustainable development of agronomy. In particular, research areas may include not limited to the following: spatio-temporal variability of cropping systems, retrieval of soil properties, crop monitoring (e.g., phenology and stress), yield prediction, and crop recognition using artificial intelligence. Papers addressing satellite time series, data fusion, or collecting in situ data are also welcome, as well as those using a combination of remote-sensing tools where satellites represent the leading platform.





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