Special Issue

Remote and Proximal Sensing Technologies Applied to Precision Agriculture

Message from the Guest Editor

New remote and proximal sensing techniques and approaches should be able to meet future agriculture and food demands while reducing the environmental impact of agriculture. The use of remote sensing technologies for precision agriculture has increased rapidly during the past few decades. The development and steep rise of remote and proximal sensing technologies has marked a new era in remote sensing, providing data of unprecedented spatial, spectral, and temporal resolution. Data derived by imaging sensors, the availability of complementary data (e.g., weather forecasting, soil information derived by sensor networks), emerging technologies, such as geospatial technologies, the Internet of Things (IoT), and artificial intelligence (AI) could be utilized to make informed management decisions aiming to increase crop production, quality, and traceability. This Special Issue is aimed at a global research community involved in data analysis, sensor and tool development, and data acquisition for precision agriculture in open fields and greenhouses. As such, it is open to anyone conducting research in the field of precision agriculture.

Guest Editor

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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