



water

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Water Management Using Drones and Satellites in Agriculture

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Deadline for manuscript
submissions:

closed (30 December 2018)

Message from the Guest Editors

Dear Colleagues,

The use of drones and satellites in agriculture is a reality, although we are currently at the crossroads of quickly and efficiently exploiting the information obtained to render it useful to farmers, selecting the most appropriate and versatile tool for each situation. In this sense, water management is one of the key issues in agriculture in which these new technologies can provide solutions, such as where to manage irrigation water, maximizing its efficiency, adapting crops to climate change, and facilitating the worldwide increase of food production. This improvement of productivity should be linked to the assurance of the quality of the final product, by using less inputs (water and nutrients), thus, maintaining soil and water resources, and vegetal material. The use of aerial images, after being processed through different statistical techniques, combined with ground-based remote sensors, are key lines for future research in which new solutions and applications must be proposed, combining the number of techniques currently available.



mdpi.com/si/12323

Special issue



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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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