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GIS and Remote Sensing Application in Food Production and Food Security

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Deadline for manuscript submissions:

closed (31 January 2020)

Message from the Guest Editors

Dear Colleagues,

Agriculture, and its mission to feed an increasing human population, will be challenged by facing a reduced availability of natural resources. Geospatial sciences are at the basis of precision agriculture, and they are extremely important for achieving increased sustainability and efficiency of agricultural systems and food production.

With this Special Issue, we will inventory the state-of-the-art research that addresses the operational methods for the identification of soil and crops and for monitoring status and processes related to food production. The focus is on drones, and aerial and satellite-based data indicator(s), at all scales; crop biophysical parameter-based crop yield models, and the integration of crop models with satellite-based inputs; and indices-based crop area estimation.



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Special Issue



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Message from the Editorial Board

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