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Advances in Remote Sensing and IoT Technologies in Smart Farming

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Deadline for manuscript
submissions:

closed (15 May 2023)

Message from the Guest Editors

Dear Colleagues,

Smart farming refers to using advanced technologies to inform farming management decisions, which can increase the quantity and quality of agricultural products (grain, livestock, and dairy) while optimizing resource (e.g., water, fertilizer, and pesticide) use. Thanks to the tremendous progress of modern technologies, such as remote sensing and the Internet of Things (IoT), smart farming is becoming widespread for ensuring sustainable development in agriculture. The applications of smart farming technologies range from using IoT sensors measuring soil, plant, and environmental conditions to in-time monitoring crop stress, early prediction of crop yield, and using advanced data analytics to support site-specific agricultural management. We are pleased to announce a Special Issue entitled “Advances of Remote Sensing and IoT Technologies in Smart Farming”. This issue aims to present state-of-the-art research on the use of remote sensing and IoT techniques for crop growth monitoring, soil moisture estimation, crop stress detection, crop yield prediction, plant phenotyping, and any other related novel applications in smart farming.



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Special Issue



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Message from the Editor-in-Chief

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