



Applications of Deep Learning in Smart Agriculture—Volume II

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Smart agriculture has gained increasing attention. The development of geospatial, information technology, IoT, robotics, AI, and data analytics applications play an essential role in modern farm management. Technological advances in remote sensing platforms and sensors, digital web applications, and cloud data storage and management centers, as well as the development of intelligent data analysis methods and decision support systems, have improved the quality of monitoring of agricultural lands in order to meet agricultural requirements. Smart agriculture can benefit from these opportunities and can address the new food production challenges related to cropping system optimization for improving productivity and reducing environmental impacts.

“Applications of Deep Learning in Smart Agriculture - Volume II” aims the analytical methods based on deep learning for converging diverse advanced agro-environmental data from machinery, drone, airborne, and satellite sensors into information relevant to various agronomy sciences applications. Research papers that examine the latest developments in concepts, methods, techniques, and case study applications are welcomed.





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