Special Issue

Machine Learning Applications in Smart Agriculture

Message from the Guest Editors

In the coming years, big data are expected to pave the way for a productive and sustainable rural development as they offer unprecedented capabilities and can drive innovative concepts, such as smart farming, precision agriculture, and smart livestock. Toward this direction, machine learning technologies envision a wide range of innovative applications that offer considerable benefits to agronomists and farmers, such as enhanced production of high quality, efficient resource allocation, germinal disease recognition, climate change mitigation, income increase, cost and laborious task decrease, animal welfare, and more. However, several of the aforementioned expectations have not been delivered yet, and additional research efforts are needed to utilize machine learning applications in the new era of smart farming. The purpose of this Special Issue is to publish high-quality research papers, as well as review articles in the emerging research field of machine learning applications in smart agriculture.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2021)

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Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

Editor-in-Chief

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