Special Issue

Robotics and Automation Engineering in Agriculture

Message from the Guest Editor

With the advent of the recent leaps in artificial intelligence; we are on the verge of a new explosion of autonomous systems and machines. By leveraging open-source efforts and keeping close working ties to research groups working in similar areas; the advancements towards the goal of obtaining low-cost fully autonomous systems suitable for use in agriculture will advance rapidly. As the world struggles to increase food production by 60% in the next decade, while at the same time losing key labor pools, it is imperative that the advances take place on an accelerated time-line. This sharing of resources should rapidly accelerate the pace of progress and help us to achieve the transition from manned equipment to that of low cost fully automated working farms and food production operations. Your efforts towards these goals will be invaluable and greatly needed if we are to hope to feed the world's population over next 10-20 years. This Special Issue is aimed at bringing together recent developments related to robotics and automation with respect to their potential or proven capabilities when used in agricultural applications.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2020)

AgriEngineering

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.7

mdpi.com/si/20085

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Message from the Editor-in-Chief

Editor-in-Chief

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