

Special Issue

Biosystems Engineering - Strategies for Sustainable Agricultural Mechanics

Message from the Guest Editors

Sustainable mechanization plays an increasingly essential role. As stated by the Food and Agriculture Organization (FAO) of the United Nations, sustainable mechanization considers technological, economic, social, environmental and cultural aspects when contributing to the sustainable development of the food and agricultural sector. The technological innovations available in modern agricultural mechanization can play an important role in addressing both the need for an increase in production in quantity and quality, and efficient use of inputs also improving quality and timing of work, welfare and safety for operators and reducing energy use, carbon and water footprint, and greenhouse gases emissions. In this special issue, we invite you to present the results of research in main topics relating to the possibility of agricultural production to make use of practices and machines able to respect the use of the soil and its issues, able to reduce water and air pollution through a more precision use of chemical and energy inputs, etc. Dr. Sabina Failla

Guest Editors

Dr. Sabina Iole Giuseppina Failla

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Dr. Simone Bergonzoli

Prof. Giampaolo Schillaci

Deadline for manuscript submissions

closed (31 October 2022)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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