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Innovations in Agricultural Engineering and Mechanization for Sustainable Agriculture, Forestry and Food Production

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submissions:

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Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to collect manuscripts related to engineering applications to promote sustainable agriculture.

Agricultural engineering and sustainable development are intrinsically linked, and all fields of agricultural engineering have a great potential to enhance the global sustainability, from the development and use of innovative machinery to the latest application of digital- and precision-farming solutions. Agricultural engineering and mechanization play a key role in developing bio-based input, in waste process and treatment to reduce the greenhouse gas emissions, in reducing and correctly distributing pesticides and fertilizers.

Agriculture, forestry, and food-production must continue to supply safe and healthy food, feed, and fibers without draining non-renewable resources or compromising the environment, assuring economic profitability, and social and economic equity and contributing to achieve the United Nations sustainable development goals, the European Green Deal, and the Farm to Fork Strategy.

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