Special Issue

Design, Optimization and Analysis of Agricultural Machinery

Message from the Guest Editor

With a growing population, the challenges prescribed by the EU Green Deal and Farm2Fork strategies are pushing farmers to increase the productivity and efficiency of their practices. In this context, the design, optimization and analysis of agricultural machinery are key topics that are addressed nowadays by scholars and major world producers in the sector. These topics cover the application of engineering principles to develop, improve, and evaluate machines used in agriculture. These machines include tractors, harvesters, planters, and other equipment used for planting, harvesting, and processing crops. This Special Issue focuses on the role that agricultural mechanization plays in the development of a more efficient, safe and sustainable agricultural sector. This is why it encourages high-quality, interdisciplinary research in a variety of areas, such as engineering design, safety and health, robotics and automation, agronomy as well as field data collection and analysis. Original research articles and reviews are accepted.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

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