

Special Issue

Utilization and Development of Tractors in Agriculture

Message from the Guest Editors

Due to the increasing challenges facing agricultural production—stemming from climate change and other contributing factors—the utilization and development of agricultural tractors must adapt to meet the demands of modern-day agriculture. When it comes to tractor utilization, a wide array of topics emerge, including various performance effects that significantly depend on multiple operational factors, as well as fuel consumption and environmental impact. Furthermore, the development of agricultural tractors encompasses issues such as design solutions that must align with current trends in ergonomics—comfort, protection, safety, and operator health. Topics of interest for this Special Issue include the tractive performance of tractors, tractor fuel consumption, tractor exhaust emissions, noise at the tractor operator's workstation, tractor stability, and overall tractor efficiency. We are pleased to invite you to contribute to this Special Issue entitled “Utilization and Development of Tractors in Agriculture”, which aims to bring together diverse interdisciplinary fields equipped with state-of-the-art, efficient, and adaptive techniques.

Guest Editors

Dr. Željko Barač

Prof. Dr. Tomislav Jurić

Dr. Ivan Plaščak

Deadline for manuscript submissions

31 July 2026



AgriEngineering

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.7



mdpi.com/si/248698

AgriEngineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriengineering@mdpi.com

[mdpi.com/journal/
agriengineering](https://mdpi.com/journal/agriengineering)





AgriEngineering

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.7



[mdpi.com/journal/
agriengineering](https://mdpi.com/journal/agriengineering)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Mathew G. Pelletier

Retired Scientist from Agricultural Research Service, United States
Department of Agriculture, Lubbock, TX, USA

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, FSTA, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Agricultural Engineering) / CiteScore - Q1 (Horticulture)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 5.4 days (median values for papers published in this journal in the first half of 2025).