Special Issue

Alternative Fuels Used for Farming

Message from the Guest Editors

Farms use a huge amount of energy and materials. Tractors, generators, and other agricultural equipment are all required for a successful operation. Although this is important, the continuing rise in the expense of conventional energy and fuels, coupled with their negative environmental effect, necessitates the development of alternative fuel sources. Today, we must seek solutions that strike a balance between environmental benefits and farmers' capacity to operate a profitable company. If alternative agricultural fuels are explored, they must be an effective alternative. Many farms strive to achieve carbon neutrality and many alternative fuels can help farmers reduce his or her carbon footprint. Biofuels, which are fuels produced from biomass such as ethanol, are becoming more popular and are a viable alternative. Notably, alternative biofuels aren't a new concept and biofuels were used in the development of the earliest automobiles. The interest in biofuels began to fade only when crude oil became widely and inexpensively accessible. Biofuels' benefits are being rediscovered today and provide a suitable answer to the problems associated with conventional fuels.

Guest Editors

Dr. Sathasivam Karthikeyan

Professor and Head, Department of Mechanical Engineering, Syed Ammal Engineering College, Ramanathapuram, Tamil Nadu 623502, India

Dr. Sabariswaran Kandasamy

Institute for Energy Research, Jiangsu University, NO. 301, Xuefu Road, Zhenjiang 212013, China

Deadline for manuscript submissions

closed (28 February 2023)

AgriEngineering

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.7

mdpi.com/si/96280

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

mdpi.com/journal/agriengineering

AgriEngineering

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.7

mdpi.com/journal/agriengineering

MDPI

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).