Special Issue

Life Cycle Assessment on Precision Agriculture

Message from the Guest Editor

The European Green Deal sets out how to make Europe the first climate-neutral continent by 2050. The Farm-to-Fork Strategy is a new approach to ensure that agriculture, fisheries and aquaculture, and the food value chain contribute appropriately to this process. More recently, the COVID-19 pandemic has underlined the importance of a robust and resilient food system. Agriculture is an important contributor to climate change through emissions of GHGs and air pollutants. There is a strong need for a clear perspective of environmental and economic implications of precision agriculture technologies. This Special Issue aims to present a selection of original and innovative papers highlighting the most challenging aspects relating to the comprehensive integration of life cycle thinking in sustainable production with regard to PA and environmental impact assessment. This will include, but is not limited to, the following: environmental impact assessment of precision farming (including livestock) techniques, technologies and systems, adaptation and mitigation measures, and policy recommendations.

Guest Editor

Dr. Anna Vatsanidou

1. Agriculture University of Athens, 11855, Athens, Greece
2. Benaki Phytopathological Institute,14561 Kifisia Attica, Greece

Deadline for manuscript submissions

closed (31 December 2021)

AgriEngineering

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.7

mdpi.com/si/67783

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).