Special Issue

Application of Remote Sensing and Machine Learning in Sustainable Agriculture

Message from the Guest Editors

Currently, geospatial data are at the core of much research in various fields, such as geodesy, civil engineering, environment, precision agriculture, forestry, etc. The evolution of geospatial technologies, as well as open source data, can support various studies and research that support the sustainable development of the society in which we live. The processes involved in the precise monitoring of plant health in order to increase agricultural productivity are essential for food security and economic sustainability. The use of remote sensing techniques in agricultural land monitoring processes is an increasingly used technique for modernizing conventional methods and agricultural strategies worldwide. In this context, this Special Issue aims to promote high-quality articles regarding recent activity in the field of remote sensing, artificial intelligence, and machine learning with practical applicability in the agricultural field. We look forward to receiving your contributions.

Guest Editors

Dr. Mihai Valentin Herbei

Prof. Dr. Ana Cornelia Badea

Prof. Dr. Aleksandar Ristić

Dr. Paul Sestras

Deadline for manuscript submissions

31 May 2026

About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)