Special Issue

Remote Sensing and Data Science for Crop-Livestock Systems

Message from the Guest Editor

This Special Issue, "Remote Sensing and Data Science for Crop–Livestock Systems", explores the integration of remote sensing and data science approaches in advancing the understanding and management of crop–livestock systems. By bringing these fields together, this Special Issue aims to highlight research that develops innovative tools, methods, and frameworks for precision agriculture, resulting in the efficient use of resources and sustainability in crop–livestock systems. Topics of interest include the development of novel algorithms for vegetation monitoring and assessment, decision-support models, and integrative approaches that link crop production with livestock performance. Emphasis will be placed on applied solutions that not only advance science but also support decision-making for farmers, advisors, and policymakers in order to optimize productivity while reducing environmental impacts.

Guest Editor

Dr. Julianne Oliveira

Department of Crop Production Ecology, Swedish University of Agricultural Sciences, 90183 Umeå, Sweden

Deadline for manuscript submissions

31 October 2026

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).