

Special Issue

Exploring the Innovative Approaches and Advanced Practices to Sustainable Agriculture and Animal Husbandry

Message from the Guest Editors

Sustainable agriculture and animal husbandry is an interdisciplinary field that addresses the pressing need to develop agricultural practices that promote environmental stewardship, economic viability, and social equity. The scope of this Special Issue is to explore innovative approaches and research findings that contribute to the advancement of sustainable practices in agriculture and animal husbandry: (a) Precision farming: Utilizing advanced technologies such as precision agriculture and data analytics to optimize resource use, reduce environmental impact, and improve the overall efficiency in both crop production and animal farming. (b) Animal welfare: Addressing ethical considerations and promoting practices that ensure the well-being of livestock, with a focus on humane treatment, adequate living conditions, and responsible breeding. (c) Climate change mitigation: Exploring strategies to mitigate the impact of agriculture and animal husbandry on climate change, including carbon sequestration, reduced greenhouse gas emissions, and adaptation measures.

Guest Editors

Dr. Waleed Al-Marzooqi

Department of Animal & Veterinary Sciences, Sultan Qaboos University, Al-Khod P.O. Box 34, Oman

Dr. Hani El-Zaiat

Department of Animal and Veterinary Sciences, College of Agricultural and Marine Sciences, Sultan Qaboos University, P.O. Box 34, Al-Khod 123, Oman

Deadline for manuscript submissions

30 September 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/206300

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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)