



Smart Agriculture and Innovative Fertilizers for Sustainable Cropping Systems

Guest Editors:

Dr. Domenico Ronga

Centro Ricerche Produzioni
Animali - CRPA, Viale Timavo,
43/2, 42121 Reggio Emilia, Italy
dominic.ronga@gmail.com

Prof. Roberto Ferrise

Department of AGRiculture,
Food, Environment and Forestry,
University of Florence (DAGRI)
Piazzale delle Cascine, 18 50144
Firenze, Italy
roberto.ferrise@unifi.it

Deadline for manuscript
submissions:

31 December 2021

Message from the Guest Editors

Smart agricultural practices are required in order to increase food security for the growing global population. Agricultural production is often related to high inputs—especially in the form of synthetic fertilizers. Since the beginning of the green revolution, such practices have led to soil degradation and the release of environmental pollutants. From this perspective, in this Special Issue we will focus on innovative agricultural practices and fertilizers that are able to improve agricultural sustainability. We welcome studies concerning new approaches for smart agricultural techniques including studies on precision and digital agriculture and fertilizer development, as well as studies that explore the application of precision farming techniques to reduce external inputs or increase their effectiveness. We especially encourage authors which develop strategies or products able to reduce greenhouse gas emissions, contributing to the mitigation of climate change and simultaneously increasing food security. Moreover, we would like to include contributions that focus on how to improve farmers' income while preserving agricultural sustainability.





an Open Access Journal by MDPI

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

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.

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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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