



electronics



an Open Access Journal by MDPI

Sustainable and Smart Agriculture with Artificial Intelligence Techniques

Guest Editor:

Dr. Aytaç Altan

Department of Electrical
Electronic Engineering,
Zonguldak Bülent Ecevit
University, Zonguldak 67100,
Turkey

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editor

Today, sustainable and smart agriculture is of strategic importance for countries and policy makers aiming to tackle climate change. Sustainable and smart agriculture is emerging based on digital agriculture, focused on utilizing modern information and communication technologies to increase the quantity and quality of agricultural products while reducing the necessary human workload. The aim of this Special Issue is to collect research focusing on advanced Artificial Intelligence (AI), Internet of Things (IoT), and digital twin algorithms in smart agricultural systems, committed to providing solutions for precision agriculture, plant factories, smart greenhouses, etc. It aims to call for state-of-the-art research in theories, algorithms, models, systems, and applications. Original research and review articles are both welcomed.

Scope: Artificial intelligence applications in the field of sustainable agriculture and agriculture, innovative approaches to agricultural problems, smart intelligence techniques that can cope with climate change, agricultural robot applications for agricultural crop diseases and efficient crop harvesting.



mdpi.com/si/131754

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPlus / SciFinder](#), [Inspec](#), [Ei Compendex](#) and [other databases](#).

Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](#)