



an Open Access Journal by MDPI

Smart Farming: Addressing the Impact of Climate Change

Guest Editor:

Prof. Dr. Hyeon Tae Kim

Department of Bio-Systems Engineering, Institute of Smart Farm, Gyeongsang National University, Jinju 52828, Republic of Korea

Deadline for manuscript submissions: **25 August 2024**

Message from the Guest Editor

Dear Colleagues,

The continuous growth of the world population has led to an escalating demand for food resources. However, agricultural land is decreasing due to the high population growth. Additionally, industrialization is speeding up climate change, causing a daily rise in sea levels and negatively impacting agricultural production. Furthermore, the agricultural sector is the second-largest contributor to greenhouse gas emissions, a major player in climate change. It is crucial for us to understand how smart technologies in agriculture can help to mitigate climate change impacts and ensure sustainable production that meets consumer needs.

This Special Issue focuses on smart farming: addressing the impact of climate change. We are looking for all kinds of articles—original research, articles, reviews, etc.—covering smart technologies in agriculture, sustainable energy use, forest management, greenhouse gas reduction in agriculture, and engineering innovations.

Specialsue



mdpi.com/si/194383





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q2 (Plant Science)

Contact Us

Agriculture Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/agriculture agriculture@mdpi.com X@AgricultureMdpi