



an Open Access Journal by MDPI

Applications of Data Analysis in Agriculture—2nd Edition

Guest Editor:

Dr. Xanthoula Eirini Pantazi

Department of Agricultural Engineering, Faculty of Agriculture, Aristotle University of Thessaloniki, Postal Box 275, 15424 Thessaloniki, Greece

Deadline for manuscript submissions: **31 December 2024**

Message from the Guest Editor

Dear Colleagues,

This Special Issue offers the opportunity for both agricultural experts and data analysts to share meaningful insights and latest advancements regarding their research findings by employing data analysis tools in the form of high-impact publications. The paper contributions of the SI are expected to focus on the main advantages derived from data analytics that significantly contribute to the future of digital agriculture, including improved monitoring and farm management, enhanced traceability and equipment reliability and risk mitigation via forecasting. The current Special Issue will be a unique opportunity to highlight a detailed and comprehensive presentation of the employed data analysis tools, the machine learning techniques and sensor technologies that can be effectively combined to enable effective decision-making for practical and sustainable solutions in agriculture.



mdpi.com/si/192021







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 - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/agriculture agriculture@mdpi.com X@AgricultureMdpi