Farming 4.0: Towards Sustainable Agriculture

Guest Editors:

Dr. Charisios Achillas
Department of Supply Chain Management, International Hellenic University, 60100 Katerini, Greece

Prof. Dr. Dionysis Bochtis
Institute for Bio-Economy and Agri-Technology (iBO), Centre for Research and Technology-Hellas (CERTH), 38333 Volos, Greece

Prof. Dr. Dimitrios Aidonis
Department of Supply Chain Management, International Hellenic University, 60100 Katerini, Greece

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closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues,

Farming 4.0 is expected to shift toward an innovation- and knowledge-based economy, ultimately resulting in safe, cost-effective, efficient, and environmentally sound agriculture. This Special Issue seeks to contribute to the sustainable agriculture agenda through enriching scientific knowledge in an effort to proliferate performance efficiency and support decision-making in modern agri-business. Indicatively, the following topics are welcome to be captured in the contributions to the present Special Issue: information and communication technologies (ICT), Internet of Things (IoT), machine-embedded tools, robotics, automation, human–computer interaction, artificial intelligence, remote sensing (e.g., wireless sensor networks, remote sensing and GIS applications, biosensors, physical/chemical/optical sensors), data management (e.g., big data, data mining, data visualization, image processing, knowledge management, data/metadata standards, ontologies for agriculture, knowledge repository, web of data and open data), traceability tools, social networking, etc.

Special Issue

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

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