Special Issue

High-End Technologies for Sustainable Agri-Food Systems

Message from the Guest Editors

Under the light of the 5th Industrial Revolution the contemporary food production systems undergo a significant transformation from anthropocentric to machinocentric driven. This Special Issue will provide a platform for researchers to discuss and present their innovative work about the extent to which the limits of Agri-Food operations systems can be further shifted, in terms of autonomy, connectivity, efficiency, intelligence, reliability, sustainability, ease of control, and cost.

Potential topics include, but are not limited to:

Food Production and Security Monitoring; Crop Production Systems and Handling; Artificial intelligence techniques for Agri-Food and Quality Assurance:

IoT applications for quality tracking in the farm to fork chain:

Augmented reality applications for food quality monitoring;

Fusion Techniques for Food Security and Quality Assurance;

Sensor Fusion and Embedded Systems in Agri-food Systems.

Guest Editors

Dr. Georgios Xanthopoulos

Dr. Konstantinos G. Arvanitis

Dr. Dimitrios Loukatos

Deadline for manuscript submissions

closed (29 December 2023)



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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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