

Special Issue

Optical Engineering Applications for Smart Agriculture

Message from the Guest Editor

Over the next few decades, as the need for food security and safety will significantly grow, there is a need to adopt novel, environmentally friendly, and rapid technologies to enhance the quantity, quality, and safety of agriproducts. Optical-based technologies such as lasers, imaging, spectroscopy and spectral imaging have proven to have the potential to offer practical solutions for promoting sustainable agriculture. This Special Issue is intended to serve as a platform for sharing research findings and insights. Research areas may include:

- Application of optical-based techniques in enhancing crop germination, growth and development.
- Application of optical-based techniques in tracking the growth of agri-food products.
- Application of optical-based techniques in assessing the health of agri-food products.
- Application of optical-based techniques in pest monitoring.
- Application of optical-based techniques in improving the safety of agri-food products.
- Application of optical-based techniques in precision irrigation.
- Application of optical-based techniques in field resource management and smart farming.

Any questions, please ask Mark .

Guest Editor

Dr. Mohammad Nadimi

Department of Biosystems Engineering, University of Manitoba,
Winnipeg, MB R3T 5V6, Canada

Deadline for manuscript submissions

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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