

## Special Issue

# Hyperspectral Imaging for Sustainable Waste Recycling

### Message from the Guest Editors

We would like to invite you to submit your research to a Special Issue of the MDPI journal *Sustainability*, entitled “Hyperspectral Imaging for Sustainable Waste Recycling”. In recent years, the amount of produced solid waste has dramatically increased, generating concerns regarding the necessity of developing a robust and efficient valorization chain through reuse and recycling. Hyperspectral imaging (HSI) can represent a solution for the characterization, sorting and quality control stages in the waste and recycling sector, where efficient but low-cost technologies are needed. This Special Issue focuses on demonstrating that HSI can be considered as an eco-friendly approach and sustainable system to profitably use in circular economy perspectives. The topics of interest include HSI-based machine learning techniques, computer vision and chemical imaging applications able to improve existing sorting and/or quality control procedures or to develop novel ones in the waste recycling sector. We sincerely hope this invitation receives your favorable consideration

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### Guest Editors

Dr. Roberta Palmieri

Dr. Riccardo Gasbarrone

Prof. Dr. Silvia Serranti

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### Deadline for manuscript submissions

closed (1 December 2023)



## Sustainability

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## About the Journal

### 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.

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### 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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