

## 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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## 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. 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.

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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