



Hyperspectral Imaging for Sustainable Waste Recycling

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Deadline for manuscript submissions:

closed (1 December 2023)

Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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