

Special Issue

Valorisation of Electronic Waste (E-waste): Value-Added Products Derived from Processing and Recycling of E-waste

Message from the Guest Editors

At present, it is a challenge to produce high-value products from e-waste through high-efficiency, sustainable recycling methods. Developing value-added recycling is an emerging field that addresses the processing and valorisation of complex e-waste into advanced functional materials and structures. This Special Issue aims to publish manuscripts on the following topics:

- Novel, green, sustainable and eco-efficient processes for the recycling and reuse of e-waste streams;
- New technologies for the isolation of hazardous materials in e-waste;
- The development and characterisation of value-added materials from e-waste;
- The direct transformation of e-waste into advanced materials;
- The synthesis of nanomaterials for energy, sensing, catalyst and photocatalyst applications from e-waste;
- Attempts at the development of techniques applicable in mass operations and the large-scale recycling of e-waste
- Environmental, social and economic analyses and assessments of e-waste recycling and valorisation
- The storage and collection of e-waste streams;
- The circular economy and its potential applications to e-waste valorisation;
- Innovative and interdisciplinary areas of e-waste recycling.

Guest Editors

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Deadline for manuscript submissions



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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

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