



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

Guest Editors:

Dr. Rasoul Khayyam Nekouei

r.nekouei@unsw.edu.au

Dr. Mojtaba Saba

mojtaba.saba@
postgrad.curtin.edu

Ms. Rabeeh

Golmohammadzadeh

Rabeeh.golmohammadzadeh@
monash.edu

Mr. Fariborz Faraji

f.faraji@queensu.ca

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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.





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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

Message from the Editor-in-Chief

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Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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