



Sustainable Re-Utilization of Waste Materials

Guest Editor:

**Prof. Dr. Carola Esposito
Corcione**

Department of Innovation
Engineering, University of
Salento, Via per Monteroni, 73100
Lecce, Italy

Deadline for manuscript
submissions:

closed (28 February 2020)

Message from the Guest Editor

The scope of this Special Issue highlights advanced topics in the re-utilization of waste materials. Increasingly stringent regulations and widely expressed public concern for the environment highlight the importance of disposing of the solid waste generated from industrial and consumable products. How to efficiently tackle this problem is a very important issue all over the world.

Designing products for recyclability is driven by environmental and economic goals. To obtain good recyclability, two measures can be adopted. One is better recycling strategy and technology, whilst the other is design for recycling (DFR).

Nanotechnology may be able to create many new materials and devices with a vast range of applications, such as nanomedicine, nanoelectronics, biomaterials energy production, and consumer products. Any kind of contribution under the broad framework of the sustainable utilization of waste materials is welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)