



Management of Solid Waste

Guest Editors:

Dr. Laetitia Adélard

Laboratory of Physics and
Mathematical Engineering for
Energy and the Environment
(PIMENT), University of La
Réunion, 97744 Saint Denis,
France

Dr. Jean Castaing- Lasvignottes

Laboratory of Physics and
Mathematical Engineering for
Energy and the Environment
(PIMENT), University of La
Réunion, 97744 Saint Denis,
France

Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editors

Waste reduction and valorization need to be taken to a new level of performance. Despite being harmful to the environment, solid waste has a great potential of recycled materials, new by-products, and cleaner sources of energy. However, issues regarding adequate transformation techniques, legislation and economics aspects still need to be solved to achieve an efficient and sustainable management. The adaptation of all these topics to various scales of territories is not completely treated also.

- Recovery of waste, both in terms of new materials and energy
- Life cycle analysis and circular economy applied to solid waste management
- Economics and waste management
- Legislation, environmental, and management of solid wastes
- Methodologies for solid waste management in insular, rural, and remote areas
- Microbiology, physics modelling, and experiments for solid waste management and process
- New tools or databases for evaluation of solid waste management

Keywords:

Solid waste management
Waste-to-energy technologies
New tools or databases
Waste reduction and valorization
Recycled materials and energy
Legislation
Microbiology





an Open Access Journal by MDPI

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

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. *Sustainability* publishes original research articles, review 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.

Author Benefits

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

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

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI