



Research and Technology for Waste Management and Resource Recovery in a Sustainable Environment

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Deadline for manuscript submissions:

closed (15 May 2023)

Message from the Guest Editors

Our Special Issue concerns resource recovery of different types of municipal and industrial waste, by-products, side-streams, and residuals via the conversion to value-added products.

One of the contributions that this Special Issue aims to achieve is how the substrates generated in the industry can be made useful. For this, various issues such as

- production of value-added microbial products by biotechnological methods;
- generation of valuable products by thermochemical conversions;
- recovery of bioactive compounds and nutrients by extraction methods;
- development of sustainable bio-composites from renewable resources, etc.

are important topics of this SI. To this end, it is to encourage a productive discussion that can lead to waste reduction.

Other contributions for a sustainable economy are for the development of model/process integrations, techno-economic analyses, and life cycle assessment studies for biological production facilities. We are open to contributions from many different disciplines, such as Biotechnology, Chemistry, Environment Technology, Engineering, Food Science, Economy, and more.





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Message from the Editor-in-Chief

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