

Special Issue

Resource Utilization of Agricultural Wastes

Message from the Guest Editors

Waste management (urban, agricultural, and industrial) is one of the main challenges of this century. With the increase in the global population and the diversity of human activities, environmental and socioeconomic impacts are becoming increasingly obvious. Organic matter is the main fraction of several types of these residues, especially agricultural and agri-food residues. It is also present in several other types of non-conventional industrial residues. This fraction is often converted into value-added (bio)products depending on the needs and profitability of existing technologies and biotechnologies. Despite scientific advancements, several challenges still arise. New demands for certain biomolecules (biopolymers, prebiotics, platform chemicals, biofuel, etc.) are constantly emerging, necessitating the continuous development of new valorization/conversion tools and concepts. This Topic welcomes various articles covering the microbial, physical, and chemical valorization of industrial and agricultural residues for various applications. Review articles are also welcome.

Guest Editors

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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.

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