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Novel Eco-Friendly Processing Techniques for Sustainable Utilization of Food Waste

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Message from the Guest Editors

The growing accumulation of food/agri-food waste is a pressing health concern worldwide, with detrimental implications on the environment. To overcome this situation, waste disposal management translates into a rational consumption of natural resources, along with repurposing the resulting waste materials.

Correspondingly, modern approaches are encouraged towards waste exploitation with the aim of providing inexpensive tools with functional properties. With regards to inducing minimal environmental impact, scientific endeavours are focused on effectively reusing the biodegradable organic matter, accounting for a broad range of bioactive compounds. Besides the recovery of bioactive constituents from food/agri-food waste and the associated co-products and by-products, addressing the conversion of waste materials into practical applications also represents a viable resolve.

To this end, new trends are progressively sought on green processes with relevant advantages over the conventional techniques for sustainable waste valorisation.



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Special Issue



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Message from the Editor-in-Chief

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