



Green Food and Biowaste Valorisation

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Message from the Guest Editor

According to a report published by the Food and Agriculture Organization, the 2007 production volume of fruit and vegetables worldwide was 1650 million tons, of which approximately 12% was wasted at the processing stage.

The liquid waste streams are mainly the discharge of cleaning water and processing water, which have low-to-medium biological oxygen demand (BOD) values and can be treated by aerobic or anaerobic systems. On the other hand, the solid waste is highly polluted and more difficult to treat. Conventionally, these wastes are used as animal feeds or fertilizers. Although they are discarded from the process, as they cannot be further used, these solid wastes retain high concentrations of bioactive compounds.

In order to combat this problematic issue, several studies have been carried out in this area, ensuring the economic valorization of these products, and consequently, the development of the circular economy. More information on this issue can be found at:

https://www.mdpi.com/journal/ijerph/special_issues/Green_Food_Biowaste_Valorisation





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Message from the Editor-in-Chief

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