Special Issue

New Advances on Nutrients Recovery from Agro-Industrial and Livestock Wastes for Sustainable Farming

Message from the Guest Editors

Agro-industrial and livestock wastes may be a sustainable source for the production of biobased fertilizers, which can represent low cost and environmentally friendly products. Different technologies are available to recover nutrients from organic wastes, but they are still not widespread on a large scale. The main limitations to nutrient recovery from agro-industrial and livestock wastes are related to negative characteristics of the waste streams (i.e., presence of emerging contaminants), technical issues in nutrient recovery, and limited knowledge on biobased fertilizer quality and effectiveness. The aim of this Special Issue is to advance knowledge on (i) analysis of agro-industrial and livestock waste streams and potential for nutrient recovery and supply, (ii) technologies for nutrients recovery, (iii) quality of biobased fertilizers, (iv) laboratory and field assessment of biobased fertilizers, and (v) future challenges in nutrient recovery.

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