

Special Issue

Advances in the Technology of Organic Fertilizers from Agricultural Waste

Message from the Guest Editors

The increasing of the price of N and P mineral fertilizer have a direct impact on the use of fertilizers in agriculture in the EU. Circular agriculture focuses on using minimal amounts of external inputs, closing nutrient loops, regenerating soils, and minimizing impacts on the environment, thus aiding the transition towards sustainable and resilient energy and farming systems. Using livestock manure and agricultural waste as a source of macro and micronutrients potentially enables crop and livestock production that does not deplete non-renewable sources or harm the environment, since this would reduce dependence on mineral fertilizers. In Europe, it is estimated that a circular approach to food systems could reduce the use of chemical fertilizers by 80%.

This Special Issue focuses on innovative technologies for nutrient recovery to valorize manure and agricultural waste into biofertilizer products. The issue aims to include studies with a marked circular and bioeconomic approach and is expected to cover the legal framework of final biobased products as well. Original research articles and reviews are welcome.

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Message from the Editor-in-Chief

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