

Special Issue

Agricultural Wastes Utilization and Recycling for N Recovering and Manufacturing of Biofuel

Message from the Guest Editors

The circular economy plays an important role in the environmental sustainability of the agricultural sector by turning waste into biomaterials or biofuels. The processing of digestate is required to promote sustainable agriculture, aimed at mitigating NH₃ and N₂O emissions and recovering N to produce organic-mineral fertilizer. The aim of this Special Issue is to contribute to agricultural waste utilization towards an organic waste circular economy approach, with an emphasis on recycling technologies for N recovery and biofuel production. Research may include the following topics:

- Anaerobic processes for biofuel production as valorization routes for different agricultural wastes;
- Anaerobic digestate processing for nutrients recovery;
- Agricultural waste recycling to produce organic fertilizers;
- Livestock manure treatment strategies for the reduction of NH₃ and greenhouse gases (GHG) emissions;
- Assessment of environmental impacts and efficiency of combined agricultural waste management practices;

We look forward to receiving your contributions. and

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

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