



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

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Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Dear Colleagues,

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 NH_3 and N_2O 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 NH_3 and greenhouse gases (GHG) emissions;
- Assessment of environmental impacts and efficiency of combined agricultural waste management practices;

We look forward to receiving your contributions.

Dr. Ester Scotto di Pert and Prof. Dr. Stefano Papirio





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