

## Special Issue

# Agricultural and Industrial Waste Recovery Technology and Process Optimization

### Message from the Guest Editor

The management of waste and by-products from industrial and agri-food supply chains requires innovative solutions to guarantee sustainability. Research on the effective exploitation of such waste is often related to the complex composition, high level of moisture, tendency to degrade easily, and thermosensitivity of the contained compounds, which require pretreatment, technical and economic issues, the revision of plant and equipment design, and process optimization. This Special Issue on “Agricultural and Industrial Wastes Recovery Technology and Processes Optimization” includes, but is not limited to, the following topics:

- Design, optimization, safety aspects, and economics of the waste valorization process.
- Methodologies and optimization of techniques, equipment and plants, as well as pre-treatment and downstream processes aimed at reducing the environmental impact and improving yields for the recovery of high-added-value compounds from waste and conversion into energy.
- Development of new materials and products.
- Industrial solutions and applicative case studies.

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### Guest Editor

Dr. Margherita Pettinato

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### Deadline for manuscript submissions

closed (30 June 2025)



## Processes

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### Message from the Editor-in-Chief

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