

Special Issue

Sustainable Food Waste Valorisation by Membrane Technology

Message from the Guest Editors

The main purpose of this Special Issue is to highlight and focus on the importance of membrane processes in the valorisation of agri-food wastes. These waste materials can be solids or liquids that are created from the pruning of plants in fields/glass houses, the processing of raw materials or because these plant materials do not comply with industrial quality assurance standards. This Special Issue will not only address the recovery of compounds from such waste materials, but will also cover the new membrane materials that can facilitate the isolation of such compounds, how these technologies can be integrated with other pre- and post-treatment steps and the use of natural polymers for membrane fabrication. It will provide evidence of energy and resources required for the recycling of the solvents used for the initial extraction of these compounds. These are the main key areas that will be able to lead us to a more sustainable future, and you are very welcome to participate in this Special Issue.

- membrane processes
- agri-food waste valorisation
- low-energy technologies
- value-added products from wastes
- bio-based economy

Guest Editors

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