

## Special Issue

# Food Waste Management and Sustainability

### Message from the Guest Editor

The issue of food waste has become an ever increasing topic of interest over the past decade. With a growing global population, the demand for food has also continued to rise. Unfortunately, as food production increases, so too does the volume of waste and byproducts from the supply chain. With current practices such as landfill, open air burning and leaving waste to rot contributing significantly towards GHG and air pollution issues, there is increasing pressure to deal with byproducts from the agriculture and food manufacturing sector more sustainably. The scope of this Special Issue will therefore seek to bring together articles highlighting advances in methods for reducing avoidable food waste and valorizing unavoidable wastes with a focus on the contributions these practices make towards sustainable development. Research areas may include (but are not limited to) the following: -Improving manufacturing efficiency.

- Advances in crop protection and productivity.
- The production of bio-based fuels, chemicals and materials.
- Reduction in spoilage through AI and technology.
- Systems-based approaches to establishing new manufacturing and processing hubs.

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### Guest Editor

Dr. Tom Dugmore  
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### Deadline for manuscript submissions

closed (31 December 2025)



## Sustainability

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## Editor-in-Chief

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