

# **Call for Papers for Special/Thematic Issue on: Recent Advances in Food wastes Valorization**

## **Guest Editor**

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The purpose of the Special Issue on Recent Advances in Food Wastes Valorization is to bring together researchers, engineers, manufacturers, practitioners and customers from all over the world to share and discuss advances and developments in food wastes valorization for the production of fuels and platform chemicals.

The aim is to present important results to the international energy and waste management/administrators community in the form of research, development, applications, design, and technology. It is therefore intended to assist researchers, scientists, manufacturers, companies, communities, agencies, associations, households and societies to keep abreast on new developments in their specialties and to unite in finding solutions to food waste menace especially in the area of the cleaner production and reduction in carbon footprints.

## **Subject Coverage**

Topics areas include, but not limited to:

- ❖ New trends in food wastes valorization
- ❖ Second generation biorefinery approach for food wastes
- ❖ Sustainable food wastes collections, transportations and handling
- ❖ Saccharification of food wastes streams for production of industrially viable sugars
- ❖ Microbial fermentation of food wastes to produced value-added platform chemicals
- ❖ Polymerization building blocks from food wastes to biodegradable plastics
- ❖ Bioconversion of food wastes to clean and affordable energies (Biomethane, Biodiesel, bioethanol etc.)
- ❖ Risks and lifecycle assessments of food wastes valorization
- ❖ Policies and strategies for food wastes valorization
- ❖ Novel energy conversion studies for unavoidable food wastes
- ❖ Decision support systems for food wastes bioconversion
- ❖ Industrial applications of food wastes bioproducts
- ❖ Application of artificial intelligence and machine learning studies in food wastes bioconversion
- ❖ Public awareness and education for food wastes management
- ❖ Reliability and Maintenance in food wastes management
- ❖ Food wastes and smart grids
- ❖ Health and safety issues with food wastes management
- ❖ Food wastes management in smart cities
- ❖ Future challenges and directions in food wastes valorization

**Notes for Prospective Authors**

Prospective authors are invited to contribute high-quality papers by the submission deadline through the online submission system. The submission of a paper implies that the paper is original and has not been submitted for review or is not copyright-protected elsewhere and will be presented by an author if accepted. All submitted papers will be refereed by experts in the field based on the criteria of originality, significance, quality, and clarity. The authors of accepted papers will have an opportunity to revise their papers and take consideration of the referees' comments and suggestions.

**Important Dates**

Manuscripts Due by: September 30, 2020

Notification to Authors: November 1, 2020

Final version Due by: November 15, 2020