



## Anaerobic Digestion Advances in Bioresource Technology under the Circular Economy Framework

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (13 September 2023)**

### Message from the Guest Editor

Dear Colleagues:

Anaerobic digestion of waste biomasses (i.e., organic fractions of municipal solid wastes, sewage sludge, agro-industrial residues) may represent a valuable strategy to recover energy (biogas) and raw materials (anaerobic digestate to be used as fertilizer), while at the same time disposing of these materials in a more sustainable way, avoiding environmental pollution.

A list of suggested themes for submission is given below:

- Anaerobic digestion in the circular economy framework: legal, social, and economic assessments;
- New waste biomass streams characterization (i.e., availability, chemical characterization, pretreatments);
- Pretreatments to enhance biogas production (i.e., new pretreatments, economic assessment of pretreatments);
- Anaerobic digestion optimization (i.e., co-digestion, technological advances);
- Occurrence, transformation, and fate of organic pollutants in anaerobic digestion;
- Occurrence, transformation, and fate of inorganic pollutants in anaerobic digestion;
- From biogas to biomethane;

We look forward to receiving your contributions.

Prof. Dr. Mirko Cucina

Guest Editor



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