

## Special Issue

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

### 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.

---

### Guest Editor

Dr. Mirko Cucina

Italian National Council of Research – Institute for Agricultural and Forest system in the Mediterranean (CNR-ISAFOM), Via della Madonna Alta 128, 06135 Perugia, Italy

---

### Deadline for manuscript submissions

closed (13 September 2023)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/160884](https://mdpi.com/si/160884)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



# About the Journal

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## Author Benefits

### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)