



**energies**



an Open Access Journal by MDPI

## Anaerobic Digestion for the Production of Energy and Chemicals

Guest Editors:

**Prof. Dr. Seung Gu Shin**

Department of Energy Engineering, Future Convergence Technology Research Institute, Gyeongnam National University of Science and Technology, 33 Dongjin-ro, Jinju 52725, Gyeongnam, Korea

**Prof. Dr. Jin Mi Triolo**

Institute of Chemical Engineering, Biotechnology and Environmental Technology, University of Southern Denmark, Campusvej 55, DK-5230, Odense M, Denmark

Deadline for manuscript submissions:

**closed (20 January 2020)**

### Message from the Guest Editors

This Special Issue aims at addressing the state-of-the-art findings and improvements in anaerobic waste and wastewater treatment, biomass pretreatment, biogas upgrading, chemical production, resource recovery, and anaerobic microbiology. Original submissions focusing on fundamental and/or practical issues related to all sub-fields of anaerobic digestion are welcome. The Special Issue will include, but is not limited to:

- Anaerobic digestion for the treatment of waste and wastewater
- Pretreatment technologies for biomass
- Innovative reactor configurations and optimization
- Biogas upgrading and management
- Chemical production through anaerobic biotechnology
- Resource recovery linked to anaerobic digestion
- Modelling
- Field-scale practices and case studies

Prof. Dr. Seung Gu Shin

Prof. Dr. Jin Mi Triolo

*Guest Editors*



[mdpi.com/si/20470](https://mdpi.com/si/20470)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)