



Industrial Energy Symbiosis

Guest Editors:

Prof. Dr. Rita Gamberini

Department of Sciences and
Methods for Engineering,
University of Modena and Reggio
Emilia, Via Amendola 2,
Padiglione Morselli, 42122 Reggio
Emilia, Italy

Dr. Maria Angela Butturi

Department of Science and
Methods for Engineering,
University of Modena and Reggio
Emilia, Reggio Emilia, Italy

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

This Special Issue aims to provide a cross-disciplinary debate focusing on technical, economic, organizational, regulatory, environmental, and social drivers and barriers of the energy symbiosis approach, including but not limited to the following topics:

- Modelling industrial and urban-industrial energy symbiosis, including renewable energy sources
- Distributed generation applied to industrial and urban-industrial energy symbiosis: modelling and evaluation of different technological and organizational strategies
- Methods for the sustainability assessment of industrial energy symbiosis schemes
- Methods for industrial energy symbiosis indicators calculation and validation
- Models for distributing and allocating energy exchanges in an industrial symbiosis network
- Policy and regulatory schemes enabling industrial and urban-industrial energy symbiosis
- Modelling platforms enabling the collection and exchange of information regarding energy flow
- Energy security, risk management and resilience in the industrial energy symbiosis approach





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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. *Sustainability* publishes original research articles, review 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.

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](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI