

Special Issue

Mapping Industrial Symbiosis Development in Support of Industrial Innovation

Message from the Guest Editor

Industrial symbiosis is a sustainability-driven approach to industrial innovation. Both process and supply chain configuration can be improved and made more sustainable through firms' cooperation and the creation of synergies between entities. On the other hand, issues due to recent supply chain and energy supply disruptions have increased demand for new cooperative strategies involving ICT and technological innovation to support both the supply security and environmental and social progress. This Special Issue aims at providing an overview of the latest IS developments, considering how IS triggers innovative technological solutions, supports the energy transition and contributes to securing material and energy supply. Topics of interest include:

- Industrial symbiosis as a driver for the industrial green innovation
- Long-term sustainability assessment of industrial symbiosis approaches
- Resilience principles, strategies and indicators in the industrial symbiosis
- Assessing risks in the industrial symbiosis approach
- Modelling industrial energy symbiosis
- Policy and regulatory schemes enabling industrial symbiosis, supporting energy and materials supply security

Guest Editor

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 (30 June 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/148624

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)