

Special Issue

System Design and Analysis for Sustainability

Message from the Guest Editors

In this Special Issue, we aim to gather contributions focusing on system design and analysis approaches for sustainable value chains. Possible topics to be addressed include the following:

- Secondary studies (systematic reviews, survey studies) on approaches and frameworks on designing sustainable systems such as SCOR, GRI, and ISO 14001;
- Requirements and evaluation criteria for sustainable system designs;
- Architecture design for sustainability that addresses national, regional, and global sustainability accords;
- Systems for sustainability compliance and monitoring;
- System-of-systems approaches for sustainability;
- System dynamics approaches for sustainable design;
- Data science and AI approaches for analysis of sustainable systems;
- Adoption of advanced technologies such as IoT, Blockchain, and cloud computing for sustainable design;
- Industrial experiences and case studies of designs of sustainable value chains, circular economy ecosystems, and circular production systems.

Guest Editors

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Prof. Dr. Cagatay Catal

Prof. Dr. Bedir Tekinerdogan

Dr. Cor Verdouw

Deadline for manuscript submissions

closed (30 June 2022)



Sustainability

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Impact Factor 4.1
CiteScore 8.9



mdpi.com/si/66919

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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

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