

Special Issue

Data-Driven Development for Sustainable Smart Product-Service Systems

Message from the Guest Editors

Responding to a call for “doing more with less material” in circular economy, two concepts are proposed for promoting sustainability in the industrial system. One is a circular system aiming to achieve use of “less material”, transforming the linear lifespan into a circular one via several reversible strategies. The other one is a product-service system for ‘doing more’, which largely extends the product lifespan with the innovation of multiple add-on services.

This Special Issue, concentrates on (big) data-driven ideations and methodologies for co-developing/re-developing sustainable products, services, and integrated systems. The scope of this Special Issue includes but is not limited to the following topics:

- New-generation ICT-enabled SSPSS architecture;
- Sustainable products and services innovation with context awareness;
- Intelligent decision making in sustainable production and operation management;
- Quantified evaluation of sustainability in exploiting cyber-physical resources.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)



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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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