



Data-Driven Development for Sustainable Smart Product-Service Systems

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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.





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Message from the Editor-in-Chief

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