Special Issue

Assemble-to-Order Systems

Message from the Guest Editor

Increasingly, manufacturing firms are adopting assemble-to-order (ATO) systems for their production and inventory management since ATO systems enable firms to deliver responsive service to customers while simultaneously effectively eliminating the costly inventory of final products. Assemble-to-order systems have the potential to provide delayed customization and mass customization and are popular in a number of industries, such as consumer electronics, furniture, etc. Sustainability is becoming a central theme in contemporary manufacturing systems. This Special Issue will focus on sustainability issues in assemble-to-order systems. The topics can include, but are not limited to:

- Closed-loop assemble-to-order systems.
- Reverse logistics of assemble-to-order systems.
- Big data analytics in assemble-to-order systems.
- Socially responsible assemble-to-order systems.
- Lifecycle analysis of products manufactured by assemble-to-order systems.
- Environmental issues of assemble-to-order systems.
- Carbon emission in assemble-to-order systems.
- New technologies to improve sustainability in assemble-to-order systems.

Guest Editor

Dr. Kai Huang
DeGroote School of Business, McMaster University, Hamilton, ON L8S 4E8, CA

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/sustainability

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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.

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

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