



Assemble-to-Order Systems

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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