



Manufacturing Sustainability in a Circular Economy

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Message from the Guest Editors

Dear Colleagues,

Sustainability has attracted increasing concern in the last several decades as the world combats global warming and climate change. Manufacturing, in particular, has often been labeled as the greatest contributor to environmental impact due to high energy consumption, toxic emission, and depletion of natural resources.

The focus of this Special Issue will address the various aspects of achieving manufacturing sustainability through case studies to achieve a much-needed circular economy.

The topics to be covered in the Special Issue include but are not limited to the following headings:

- Material selection for recyclability;
- Environmental attributes of manufacturing processes;
- Product lifecycle reduction of toxicity and energy consumption;
- Design for remanufacturing;
- Design for disassembly and disposal;
- Lifecycle assessment tools and technologies.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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