Special Issue

Challenges and Opportunities in Remanufacturing and Life Cycle Engineering

Message from the Guest Editor

This Special Issue aims to present current research activities addressing the sustainability of remanufacturing to advance and promote the development of a circular economy in manufacturing. Remanufacturing is a critical element in modern manufacturing leading to the achievement of high resource efficiency, closing material loops, significantly reducing energy consumption, and minimizing emissions and pollutants. While remanufacturing is inevitably attracting global attention, there are significant technological and non-technological barriers to establishing it as a go-to solution in the manufacturing sector. We welcome submissions of state-of-the-art research of theoretical or practical significance that supports and fosters the technological, economic, environmental, and social dimensions of remanufacturing and life cycle engineering. Research areas may include (but are not limited to) the following: low-carbon manufacturing, eco□innovation, and design for sustainability, green logistics, green reverse supply chain, advanced sustainable manufacturing, life cycle assessment, sustainability assessment methods, and social sustainability.

Guest Editor

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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

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