

Special Issue

Advances in Green Manufacturing and Optimization

Message from the Guest Editors

This Special Issue on “Advances in Green Manufacturing and Optimization” is to report the latest advancements in green manufacturing, with a focus on the development and deployment of new analytical models, frameworks, optimization algorithms, and management strategies aiming at improving the sustainability of manufacturing. The ultimate goal of this Special Issue is to foster the dissemination of high-quality research in terms of theory and practices related to green manufacturing automation. Topics include, but are not limited to:

- Modeling and optimization of energy-aware manufacturing
- Modeling and optimization of demanufacturing and remanufacturing;
- Green process design and operation: production planning and scheduling
- Green product design
- Materials for green manufacturing
- Artificial intelligence and machine learning in green manufacturing for product quality and process control
- Life-cycle assessment: streamlined methods and case studies
- Sustainable manufacturing practices
- Smart paradigms for sustainability in manufacturing

Guest Editors

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Deadline for manuscript submissions

closed (20 April 2024)



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