



Contemporary Advances in Industry 4.0 Technologies and Theories for Manufacturing Sustainability

Guest Editors:

Dr. Hamed Gholami

Mines Saint-Etienne, Univ
Clermont Auvergne, INP
Clermont Auvergne, CNRS, UMR
6158 LIMOS, F-42023 Saint-
Etienne, France

Prof. Dr. Safian Sharif

Department of Manufacturing &
Industrial Engineering, School of
Mechanical Engineering,
Universiti Teknologi Malaysia
(UTM), Johor 81310, Malaysia

Prof. Dr. Georges Abdul-Nour

Department of Industrial
Engineering, University of
Quebec in Trois-Rivières, Trois-
Rivières, QC G8Z 4M3, Canada

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Message from the Guest Editors

Dear Colleagues,

Riding on the machines that changed the world, industry has undergone numerous revolutions—from the initial steam-engine-powered machines to the advent of electricity in industrial processes for mass production; then the automated machines, which involved advanced electronics and information technologies in automating the production process; and today, the fourth Industrial Revolution (Industry 4.0) which integrates smart machines with digital technologies to maximize industrial productivity.

This Special Issue is therefore aimed at presenting contemporary advances in Industry 4.0 technologies and theories for manufacturing sustainability. We hereby invite authors to submit original research and critical review articles developing sustainability into Industry 4.0 technologies and theories throughout all levels of manufacturing—from pre-manufacturing, manufacturing, and use through post-use stages in the life cycle—to enable a shift in the manufacturing context towards a more sustainability-based state.





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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

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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