



## Industry 4.0 in the Context of Fostering Sustainable Manufacturing and Circular Economy

Guest Editors:

**Dr. Premaratne  
Samaranayake**

School of Business, Western  
Sydney University, Penrith, NSW  
2751, Australia

**Dr. Rama K. Ramanathan**

School of Business, Western  
Sydney University, Penrith, NSW  
2751, Australia

**Prof. Dr. Yi-Chen Lan**

School of Business, Western  
Sydney University, Penrith, NSW  
2751, Australia

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### Message from the Guest Editors

Despite the literature on broader topics of Industry 4.0, sustainable manufacturing and circular economy are gaining momentum, particularly several studies on Industry 4.0 readiness/maturity models and the close connection between Industry 4.0 and circular economy, their connection and association from the perspective of priorities and relationships of key factors across all three areas are in the infancy stage. Furthermore, implementation methodologies and frameworks for supporting Industry 4.0 adoption taking into consideration of sustainable manufacturing and circular economy are lacking in the literature.

This SI focuses on empirical approaches (quantitative, qualitative, or mixed-methods), but papers presenting frameworks, new theory, secondary/archival data also are welcome when integrated with an empirical approach. The research topics should be related to the intersection of three closely related areas: Industry 4.0, sustainable manufacturing and circular economy.

- Industry 4.0 readiness/maturity
- Industry 4.0 adoption
- enablers and challenges, frameworks
- sustainable manufacturing
- circular economy





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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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