Special Issue

Digital Manufacturing and Industrial Sustainability

Message from the Guest Editors

In recent years, interest on digital transformation has risen significantly in both the academic and the business communities. Digital technologies have been shown to perform a potential role also in developing a resource-efficient industrial system. Their effective adoption can help to deliver reduced costs and improve the sustainability of manufacturing processes. Having a more efficient industrial base is a key component of the circular economy paradigm. The new business mindset of the circular economy could strongly benefit digital technologies. Thus, a connection between industrial sustainability, digital transformation, and the circular economy has to be studied, analyzed, and hopefully operationalized in order to promote a different perspective on the organizational and operational systems of production and consumption—one which could be focused on restoring the value of used resources. The objectives of this Special Issue are to provide a snapshot of the status, potential, challenges, and recent developments of digital manufacturing and industrial sustainability system (i.e., a firm or a network of them) and to open a discussion for new ideas.

Guest Editors

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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