

Special Issue

Industry 4.0 Technologies for Global Challenges

Message from the Guest Editors

The world has been facing increasing global challenges and crises, such as flood, wildfire, and the COVID-19 pandemic. These global challenges have greatly affected the natural environment and human activities and will threaten the development of society if we continue our current production and consumption behavior. However, the evolution of Industry 4.0 technologies offers innovative opportunities for tackling such global challenges. This Special Issue aims to focus on research interfacing Industry 4.0 technologies with global challenges related, in particular, to the United Nations Sustainable Development Goals (SDGs). In addition to original academic research articles, this SI welcomes industrial and policy perspectives on these topics from practitioners in industry, government, and other business practices, as well as academic articles from scholars working across disciplines, including Industry 4.0, engineering, operations management, disaster management, supply chain resilience, information and communications technologies, and sustainable development. Submissions may also include (structured) literature reviews, industrial surveys, methodology articles, and datasets.

Guest Editors

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Dr. Miying Yang

Prof. Dr. Jie Wang

Deadline for manuscript submissions

closed (31 August 2021)



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Message from the Editor-in-Chief

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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