



Applications of Industry 4.0/5.0 for Sustainable Process Industrial Engineering and Supply Chain Management

Guest Editors:

Dr. Sudhanshu Joshi

Dr. Manu Sharma

Dr. Ramesh Anbanandam

Deadline for manuscript
submissions:
closed (31 December 2023)

Message from the Guest Editors

Topics include, but are not limited to, methods and/or applications in the following areas:

- Integration of Industry 4.0/ 5.0 technologies for sustainable manufacturing processes.
- Intelligent supply chain management using advanced data analytics and AI algorithms.
- Cyber-physical systems and their role in achieving sustainability goals in industrial settings.
- Smart factories and their impact on energy efficiency and resource conservation.
- Blockchain technology for enhancing transparency and traceability in supply chains.
- Sustainable logistics and transportation enabled by Industry 4.0/ Industry 5.0 technologies.
- Predictive maintenance and condition monitoring for improving asset utilization and reducing downtime.
- Circular economy approaches and their integration with Industry 4.0/ Industry 5.0 concepts.
- Process reengineering for sustainable systems
- Agile research and development for integration of Industry 4.0/5.0 for sustainable process industrial engineering and supply chain management.





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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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