

Special Issue

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

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.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



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