



Sustainable Developments and Innovations in Manufacturing

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Message from the Guest Editors

Dear Colleagues,

Sustainable Developments and Innovations have a significant effect on the overall advancement of humanity. The production machines are now integrated with robots and artificial intelligence leading to modernization and advancements in manufacturing to cater to the dynamic customer requirement as well as high-quality mass production.

Manufacturing is one of the important sectors upon which the economy of any country is based. Advancement in this sector is also associated with hazardous environmental and societal issues like emission of hazardous waste and gases, and depletion of natural resources. Therefore, the need of the era is to pay special attention to the issue of sustainability in manufacturing.

Research areas may include the following but are not limited to:

1. Product design and development
2. Cleaner production / Green manufacturing
3. Sustainability issues in smart manufacturing / Industry 4.0
4. Policy for sustainable development
5. Robotics and control in sustainable manufacturing systems
6. Monitoring and control of manufacturing processes
7. New materials for sustainable manufacturing
8. Sustainable supply chain management





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