Managing Innovation and Sustainable Development in the Era of Industry 4.0

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

The Industry 4.0 paradigm is revolutionizing service and manufacturing industries, exploiting the adoption of innovative digital technologies like Internet of Things (IoT), cyber-physical systems (CPS), artificial intelligence (AI), big data and analytics, cloud computing, robotics, augmented reality, and additive manufacturing. In this evolving scenario, supply firms are going to see radical changes, forcing them to improve their standard in product/process design. Key factors in this transition are: high flexibility, dynamic and circular market, increasing customization, high-quality products, flexible batches, sustainable practices, and short product life cycles.

We welcome the submission of papers in the following potential topics:

- Industry 4.0
- enabling technologies
- Internet of Things (IoT)/cyber-physical systems (CPS)
- artificial intelligence (AI)
- big data and analytics/cloud computing
- robotics/augmented reality
- additive manufacturing/3D printing/manufacturing
- sustainable processes/sustainable development goals
- supply chain management

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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