# Industry 4.0 and Hands-On Sustainable Education

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Deadline for manuscript submissions:
**closed (30 April 2024)**

## Message from the Guest Editors

The main focus of Industry 4.0 is the optimization of automation and computer adoption from the third industrial revolution. Powerful computers that continually analyze incoming data over the internet communicate with each other, creating cyber-physical systems, the Internet of Things and systems to efficiently and effectively drive the manufacturing sector, equipped with advanced manufacturing technologies.

Growing complications in advanced design and manufacturing requires engineers' profound understanding of innovative concepts from proper training and problem-handling skills. To this end, there is an urgent need for the suitable assessment and evaluation of the current state, followed by the modernization and transformation of courses and delivery methods in engineering programs and other STEM disciplines. In this Special Issue, we solicit manuscripts to share innovative education ideas and give an overview of various hands-on and/or active learning technologies for a strengthened learning environment so that students can be trained to meet the industrial needs of the future workforce.

**Special** Issue

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## Message from the Editor-in-Chief

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