

Special Issue

Engineering Design and Engineering Education for Sustainable Development

Message from the Guest Editors

The escalating challenges posed by climate change and environmental protection have spurred the growth of sustainability sciences worldwide. In response, engineering education has evolved to focus more prominently on sustainable development goals, which are critical to ensuring that current generations meet their needs without compromising the ability of future generations to meet theirs. This Special Issue is dedicated to exploring the role of engineering design and education in advancing sustainable development, with a particular emphasis on preparing engineers to address fundamental human needs such as reducing poverty, providing clean water and electricity, responding to human-made or technologically originated IT and cyber threats, and developing resilient, energy-efficient infrastructures. With this Special Issue, we encourage authors to share innovative research and educational practices, focusing on teaching/learning methods that equip engineering students with crucial sustainability-oriented skills. We also are looking for research papers on technological and design innovations that advance the sustainability of engineering projects and infrastructure.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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