



## Strategies and Applications for Sustainable Engineering Education

Guest Editors:

**Dr. Diana Mesquita**

Research Centre for Human Development (CEDH), Faculty of Education and Psychology, Portuguese Catholic University, 4169-005 Porto, Portugal

**Dr. Rui M. Lima**

Algorithm Research Center, Department of Production and Systems, School of Engineering, University of Minho, Guimarães, Portugal

Deadline for manuscript submissions:

**closed (31 January 2022)**

### Message from the Guest Editors

Dear Colleagues,

In the last few decades, engineering education has been dealing with a demand for quick changes, in order to prepare engineers to deal with societal and technological challenges, in public and private sectors and in industries and services. A wide range of innovative initiatives have been conducted in terms of curriculum design in engineering programs, strategies to foster students' engagement in active learning environments, and partnerships between university and industry, amongst other areas.

Currently, in order to contribute to the Sustainable Development Goals (SDGs) and COVID-19 recovery, engineering education challenges are even more complex. A new world implies the need to rethink a whole new engineer. Thus, academics, researchers, students, and practitioners need to be engaged in designing, developing, and evaluating strategies and applications for sustainable engineering education. With this in mind, this Special Issue looks for original research and empirical contributions to reflect on sustainable engineering education.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## 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. *Sustainability* publishes original research articles, review 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)