Special Issue

Sustainable Approaches for Online Education: Learning Technologies, Learner Interaction and Student Engagement

Message from the Guest Editor

The COVID-19 pandemic has disrupted the traditional education system; the need to accelerate the digitalization of education has received a lot of attention. The Special Issue focuses on sustainable approaches for online education, recent learning technologies, and innovative solutions for learner interaction and student engagement. It will highlight the recent research trends in sustainable education, including the metaverse, augmented reality (AR), virtual reality (VR), virtual learning environments, serious games, STEAM, the Internet of Things (IoT) in online education, blockchain in online education, and massive open online courses (MOOCs). These empirical and review studies will assist scholars in pursuing future research in the domain and identifying possible future developments of sustainable approaches for online education. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- The metaverse;
- Augmented reality (AR);
- Virtual reality (VR);
- Virtual learning environments;
- Serious games;
- STEAM;
- Blockchain in online education;
- IoT in online education;

Guest Editor

Dr. Ibrahim Arpaci

Department of Software Engineering, Bandirma Onyedi Eylul University, Balikesir 10200, Turkey

Deadline for manuscript submissions

closed (22 September 2023)

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. *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.

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

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, RePEc, CAPlus / SciFinder, and other databases.

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