



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

Guest Editor:

Dr. Ibrahim Arpacı

Department of Software
Engineering, Bandirma Onyedi
Eylül University, Balıkesir 10200,
Turkey

Deadline for manuscript
submissions:

closed (22 September 2023)

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;





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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.

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)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)