



Mobile Technology, Gamification and Artificial Intelligence to Improve Sustainability in Education

Collection Editors:

Prof. Dr. Eloy López Meneses

Department of Education and
Social Psychology, Area of School
Organization and Didactics,
Pablo de Olavide University,
41013 Seville, Spain

Prof. Esteban Vázquez-Cano

Didactics and School
Organization, Faculty of
Education, National Distance
Education University (UNED),
28040, Spain

**Dr. María Elena Parra-
González**

Department of Research Methods
and Diagnosis in Education,
University of Granada, 18001
Granada, Spain

Message from the Collection Editors

This special issue aims to collect research studies as well as theoretical contributions, which exemplify and inform good educational practices based on ICT for a sustainable future.

Scientific contributions referring to the following four priority areas for the use of ICT towards achieving SDG4 and Education 2030's goals will be accepted:

1. Mobile technology for transforming and expanding Secondary Education, Technical and Vocational Education, and Training and Higher Education.
2. ICT-integrated transformative pedagogies and the use of smart mobile devices to promote collaborative learning and to extend learning spaces beyond traditional classroom contexts.
3. ICT for enhancing the competencies of girls, women, and vulnerable groups to ensure that no one is left behind.
4. Digital Transformation and Sustainability: Gamification, Artificial Intelligence, Learning analytics, MOOCs, virtual reality (VR), augmented reality (AR), Social Computing, Big data, OER and open solutions, open social networks, and adaptive learning technologies in online learning.





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](#), [CAPus](#) / [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](#)