

Special Issue

Sustainable Transformation with AI in Education for Teaching and Learning Enhancement

Message from the Guest Editors

In the era of artificial intelligence (AI) being integrated into various aspects of education, this Special Issue aims to showcase a broad range of empirical evidence to enhance teaching and learning while promoting sustainable transformation in education. This Special Issue seeks to explore sustainable approaches to adopting intelligent tutoring systems, the benefits and challenges of implementing smart classrooms and campuses, opportunities for personalized learning, and the potential barriers and risks associated with AI adoption. Specifically, a thorough discussion on how AI drives educational equity, interdisciplinary integration, or green skills development through long-term scalable models is welcome. Other contributions may explore how AI-driven personalized learning reduces resource waste and enables sustainable allocation of educational resources, or how intelligent tutoring systems can build long-term adaptive teaching models across cultural contexts.

Guest Editors

Dr. Pei-Hsuan Hsieh

Department of Computer Science, College of Informatics, National Chengchi University, Taipei 116, Taiwan

Dr. Rehan Akbar

Knight Foundation School of Computing and Information Sciences, Florida International University, Miami, FL 33199, USA

Deadline for manuscript submissions

31 May 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/241837

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)