

Special Issue

Advancing Sustainable Education Through AI and Technological Breakthroughs

Message from the Guest Editors

This Special Issue invites contributions on the development, implementation, and impact of AI-driven educational technologies, focusing on educational quality, accessibility, and resource management to support sustainable development goals. We invite submissions on the following themes:

- AI-driven personalised learning systems that tailor educational experiences based on student data.
- The design and effectiveness of ITSs in supporting diverse learning needs, including adaptive learning.
- AI tools that enhance student engagement and reduce dropout rates through predictive analytics and emotional recognition.
- The importance of transparency and interpretability in AI systems, including Explainable AI (XAI).
- The use of big data and machine learning for learning analytics and educational outcome analysis to inform policy decisions.
- Challenges and solutions for integrating AI into educational curricula, addressing issues of technological literacy, curriculum adaptation, and funding.
- Human- and teacher-centred AI tools that support personalised instruction and manage educator workloads.
- Case studies showcasing successful AI implementations in educational institutions.

Guest Editors

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Deadline for manuscript submissions

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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.

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