

Special Issue

AI-Enhanced Sustainable Education: From Affective Computing to Intelligent Learning Ecosystems

Message from the Guest Editors

To support UNESCO's call for data-driven policy and equity, we invite research on learning analytics for early intervention and reducing dropout rates. To foster innovation, we seek contributions using Generative AI and immersive environments to enhance content accessibility. Furthermore, to support psychological well-being, we emphasize affective computing and intelligent pedagogical agents for social-emotional learning. Crucially, we address the need for ethical AI and privacy protection to build trustworthy systems. Finally, to ensure long-term resilience, we welcome studies on full-stack architectures and AI-empowered teacher professional development. This Special Issue aims to move from isolated tools to comprehensive Intelligent Learning Ecosystems that actively advance the global sustainability agenda.

Guest Editors

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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. 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

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