Technology-Enhanced and AI-Enhanced Learning for Sustainable Education: Innovations and Pathways

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Message from the Guest Editor

This Special Issue seeks to delve into the transformative power of technology-enhanced and artificial intelligence (AI)-enhanced learning within the ambit of sustainable education. The enactment of sustainable education as a practice that should be environmentally mindful, economically viable, and socially just is gaining momentum. Yet, the integration of emerging technology and AI within educational frameworks introduces complex challenges. These encompass ethical and equity issues, the need for universal access, the tangible outcomes on learning efficiency and effectiveness, and the capability to scale and adapt these innovations across diverse educational landscapes. Furthermore, ensuring that such technological advancements, especially those driven by AI, are in sync with the SDGs requires careful consideration.

This issue explores solutions to these challenges by showcasing innovative approaches and strategies that harness technology and artificial intelligence. Our goal is to create learning environments that support sustainability, resilience, and high-quality digital ecosystems, ultimately promoting sustainable education.

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Special Issue

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Message from the Editor-in-Chief

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