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 Al adoption. Specifically, a thorough discussion on how Al drives educational equity, interdisciplinary integration, or green skills development through long-term scalable models is welcome. Other contributions may explore how Al-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.

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Editor-in-Chief

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