Special Issue

Artificial Intelligence and Blended Learning: Challenges, Opportunities, and Future Directions

Message from the Guest Editor

This Special Issue aims to explore the intersection between artificial intelligence (AI) and blended learning, with a focus on innovative research and practical applications that enhance the effectiveness and efficiency of blended learning environments. We invite researchers and practitioners from diverse disciplines to contribute original research papers, case studies and theoretical perspectives that shed light on the potential of AI in enhancing blended learning. The topics of interest include, but are not limited to:

- Adaptive learning platforms and personalized instruction in blended learning;
- Intelligent tutoring systems and their application in blended learning environments;
- Natural language processing for language learning in blended settings;
- Data analytics and learning analytics in blended learning research;
- Automated grading and feedback mechanisms in blended learning assessments;
- Virtual reality (VR) and augmented reality (AR) in blended learning;
- Intelligent content recommendation systems for blended learning;
- Predictive modeling and personalized learning paths in blended learning.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

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