

Special Issue

Measuring What Matters: AI and the Future of Fair Assessment

Message from the Guest Editor

The Special Issue seeks to explore the evolving intersection of artificial intelligence (AI) and educational assessment with a deliberate emphasis on fairness, equity, and inclusivity.

The central focus of this issue is the use of AI to enhance fairness in educational assessments across diverse contexts, including K–12, higher education, vocational training, and informal learning environments.

Topics may include, but are not limited to the following: bias detection and correction in AI models; AI for adaptive testing and personalized feedback; fairness metrics in automated scoring systems; explainability and transparency in algorithmic decision-making; and policy implications for equitable AI deployment in education.

The primary purpose of the Special Issue is to highlight actionable, evidence-based approaches that harness AI to create more just and equitable assessment practices.

This Special Issue complements and extends existing literature on educational technology, fairness in assessment, and algorithmic bias by centering AI as both a tool and a site of scrutiny. It aims to provide both conceptual clarity and practical guidance for the field.

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Message from the Editor-in-Chief

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