Trustworthy Artificial Intelligence in Education

Guest Editor:

Dr. Bo Pei
Department of Educational & Psychological Studies, University of South Florida, Tampa, FL 33620, USA

Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editor

Increasing concerns have been raised regarding the reliability in the use of these technologies, from the conceptualization of problems to the collection of data to the construction of models and to the generation and interpretation of results. Immediately addressing these concerns is highly needed, especially in the time for realizing full potential of the artificial intelligence (AI)-related techniques in education.

This Special Issue focuses on "trustworthiness", which refers to all stakeholders, including individual stakeholders (i.e., users, developers, and researchers), organizational stakeholders, and national/international stakeholders engaged in making laws, rules, and regulations. In educational settings, the trustworthiness of AI emphasizes the accuracy and safety of the AI system as well as the corresponding impacts on human autonomy and privacy and whether they are treated fairly regardless of demographic backgrounds. Topics of interest for this Special Issue include (but are not limited to):

- **Human-centered values**
- **Transparency and Explainability**
- **Learning Analytical Dashboard**
- **AI bias evaluation and mitigation**

Special Issue

Editor-in-Chief

Prof. Dr. Daniel Muijs
School of Social Sciences,
Education and Social Work,
Queen's University Belfast,
Belfast BT7 1NN, UK

Message from the Editor-in-Chief

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