



## E-learning Personalization Systems and Sustainable Education

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### Message from the Guest Editors

Dear Colleagues,

The increasing volume of learning-related data and high-performance computing are enabling intelligent systems that can support sustainable education with a very wide range of advantages, providing learners with personalized guidance. As artificial intelligence research and development is becoming more mature and the corresponding outputs are being deployed at scale in real-world contexts, the crucial role of using personalized and automated systems in sustainable education is becoming more evident. Current research has greatly expanded our understanding of such artificial intelligence techniques and applications in the area of education. However, more research is required and many questions remain to be answered to bridge technological, social, pedagogical, and ethical perspectives of these intelligent systems.

This Special Issue aims to present research results reporting the current state-of-the-art of online education systems empowered with artificial intelligence, examining the elements of personalized e-learning, technology, applications, sustainable development, and teaching and learning principles that contribute toward a sustainable education.





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