

Special Issue

Rebuilding Education: STEM Education Practices and Research during the Post-COVID-19 Era

Message from the Guest Editors

The Special Issue invites the papers addressing how the impact of the global COVID-19 pandemic has affected STEM education, and what measures (teaching tools and research practices) are being applied to combat the learning gaps in STEM education in the post-pandemic era. Topics of interest for this Special Issue include, but are not limited, to the following:

- STEM curriculum development, STEM teaching models, STEM competencies, and learning outcomes in the post-pandemic era;
- The impact of COVID-19 on the revolution of online-based pedagogical environments such as digital resources, eBooks, online conferencing platforms, online collaboration tools, etc., on informal and formal STEM settings;
- The new directions of pedagogical approaches, tools, strategies, evaluation, and assessment methods for pandemic-affected STEM education;
- Exploring the critical factors to fill the gaps in students' learning performance affected by the pandemic;
- Significance of educational games and other ICT learning tools in the post-pandemic environment.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2022)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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