



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

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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.





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Message from the Editor-in-Chief

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