



Towards a Sustainable Future through Innovative STEM Education

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Message from the Collection Editors

The world is changing, and education needs to change with it. The aim of this Special Issue, “Towards a Sustainable Future through Innovative STEM Education” is to provide understanding on how innovative STEM education can engage and empower students towards sustainability in a changing world.

This Special Issue will especially focus on novel ways (e.g., pedagogical solutions and models) to promote sustainability through formal, non-formal, and informal education from early childhood to post-secondary school as well as in pre-service and in-service teacher education. The exploration of the STEM and sustainability education nexus will allow the exploration of topics relevant to many 21st century educators. For example, to address such questions as:

How can STEM education contribute to solving sustainability issues (e.g., climate change and the COVID crisis)?

How can we educate students to solve real-life problems using STEM knowledge in a sustainable way?

How can innovative technologies help us in the context of sustainable STEM education?

How can we educate future STEM teachers and teachers to incorporate sustainability issues in their teaching practices?





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Message from the Editor-in-Chief

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