



Advances in STEAM Education Research and Practice: Towards Sustainable Development

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Message from the Guest Editors

This Special Issue aims to provide a forum for sharing research findings, ideas, and perspectives on this fast-growing field of STEM education research and practice towards Sustainable Development.

Recommended topics include, but are not restricted to, the following:

- Teaching across subject boundaries.
- Studying and supporting STEM teachers, their practices and learning, and school changes.
- Researching students' learning in STEM.
- Primary and secondary teachers' adaptive expertise in interdisciplinary math and science.
- STEM practices and STEM partnerships.
- Girls in STEM education .
- Promoting critical and creative thinking, reasoning, and learning in STEM.
- Sustainable learning: Students' engagement with STEM subjects.
- Multimodal languages and learning in STEM.
- Contemporary research methodologies in STEM.
- Developing educational innovations for STEM education in rapidly changing digital technology environments.
- Authentic science and mathematics in schools.
- Integrating computational thinking in STEM education.





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Message from the Editor-in-Chief

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