

Special Issue

Challenge-Based and Community-Based Teaching and Learning in Engineering and STEM Education

Message from the Guest Editors

This Special Issue encourages authors to “tell their respective stories”, i.e., provide salient details about the specifications for the implementation design(s), need and opportunity, descriptions of the consequential choices made in the projects selected, and analysis of the impact data collected, if available. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Challenge-based learning experiences in various fields of engineering (industrial, biomedical, mechanical, biotechnology, etc.);
- STEM education projects with underserved communities/community-based research;
- Community-based research approaches to learning and teaching engineering design;
- Engineering for the wellbeing of communities, social justice, and sustainability;
- Community-based engineering;
- Problem-based teaching and learning in various fields of engineering;
- Project-based teaching and learning in K-12 engineering and STEM education.

We look forward to receiving your contributions.

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Deadline for manuscript submissions

closed (1 May 2024)



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About the Journal

Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

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