

Special Issue

Engineering Education for the Future: Challenges, Innovation and Reform

Message from the Guest Editors

Engineering higher education is experiencing unprecedented transformation as technological innovation, artificial intelligence (AI), digitalization, and global societal challenges reshape the competencies required of future engineers. Institutions worldwide are under increasing pressure to modernize curricula, adopt innovative pedagogical approaches, and prepare graduates who possess not only technical expertise but also interdisciplinary thinking, ethical responsibility, and the ability to address complex sociotechnical problems. At the same time, persistent challenges—including high STEM attrition, unequal access to digital learning opportunities, faculty readiness for AI-enhanced education, and the widening gap between academic preparation and rapidly evolving industry needs—continue to hinder educational effectiveness and equity.

We welcome the submission of original research articles, systematic reviews, case studies, and perspectives that contribute to the understanding and improvement of engineering education across diverse institutional and geographical contexts.

Guest Editors

Dr. Jorge Mendonça

CORE-Center for Organizational Research in Engineering, ISEP,
Technical University of Porto, 4249-015 Porto, Portugal

Prof. Dr. Marina Sousa

CORE-Center for Organizational Research in Engineering, ISEP,
Technical University of Porto, 4249-015 Porto, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
education@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Daniel Muijs

School of Social Sciences, Education and Social Work, Queen's
University Belfast, BT7 1NN, Northern Ireland, UK

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