

## Special Issue

# Revolutionizing Engineering Education: Innovations and Perspectives

### Message from the Guest Editors

Dear colleagues, This Special Issue is seeking papers on engineering education revolutions in the context of technological advancement to meet the needs of the changing engineering landscape, including the changing workforce demographics and needs. In the field of engineering, technology has always played an important role, and the advancements in artificial intelligence (AI) and augmented reality (AR) are no different. The integration of AI and AR in engineering also raises significant ethical concerns that must be addressed. As these technologies become more prevalent in educational settings, there is a risk of perpetuating biases and inequalities if AI algorithms are not properly calibrated or if access to AR-enhanced educational tools is unevenly distributed among students. To address the evolving landscape of engineering, it is imperative that we, as educators, critically examine our values and ask ourselves: How can technology help engineering educators from pre-college years to higher education, and enhance engineering teaching and learning? How can we ensure that ethical standards are upheld as technological systems are deployed?

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2024)



## Education Sciences

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Impact Factor 2.6  
CiteScore 5.5



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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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### Editor-in-Chief

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