

## Special Issue

# Teaching and Learning in Engineering Education

### Message from the Guest Editor

This Special Issue provides an opportunity for professors, scientists, professional engineers, and students to present their work, publish their results, exchange ideas, and network for contemporary and future scientific and industrial collaborations. The issue should serve as a catalyst for connecting local and international stakeholders, hence adding value to the global dialogue on how to contribute positively to the advancement of engineering education. Papers in all areas of engineering education are invited, with particular emphasis on the focus of such topics as:

- Multidisciplinary approaches in engineering education;
- K-12 STEM education initiatives;
- Active learning at bachelor and master study levels;
- Distance learning, blended learning, and team-based learning;
- Digital transformation;
- Ethical challenges in engineering;
- Women for leadership in engineering;
- Equity, diversity, and inclusion;
- Future-oriented and personalized educational concepts;
- Game-based learning and gamification;
- Non-traditional, virtual, and remote labs, exercises, and classrooms;
- Multidisciplinary and transdisciplinary education.

---

### Guest Editor

Prof. Dr. Valery Vodovozov

Department of Electrical Power Engineering and Mechatronics, Tallinn University of Technology, 19086 Tallinn, Estonia

---

### Deadline for manuscript submissions

closed (30 November 2023)



## Education Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.5



[mdpi.com/si/158983](https://mdpi.com/si/158983)

*Education Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[education@mdpi.com](mailto:education@mdpi.com)

[mdpi.com/journal/  
education](https://mdpi.com/journal/education)





# Education Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.5



[mdpi.com/journal/  
education](https://mdpi.com/journal/education)



## 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.

---

### Editor-in-Chief

Prof. Dr. Daniel Muijs

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Educational Research Abstracts, PsycInfo, and other databases.

#### Journal Rank:

JCR - Q1 (Education and Educational Research) / CiteScore  
- Q1 (Physical Therapy, Sports Therapy and Rehabilitation)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).