

## Special Issue

# Engineering Education in Knowledge Based Society

### Message from the Guest Editors

The scope of discussion of this Special Issue is devoted to the developmental trends of education in a rapidly changing society. As is commonly accepted, most changes, especially in education, are normally knowledge-driven. However, at present, many processes in the society are information-driven. The changes in learning methodologies are usually based on technological and market developments. These include the introduction of new courses, the transformation of older ones, the virtual and actual laboratory training, certification and quality assessment of courses and curricula across countries, interdisciplinary studies, innovations in educational systems and markets, the changing attitudes of engineering students, the changes in the market place, and the role of the engineer. We also face the permanent reform of higher education in the age of the 4th industrial revolution (or knowledge-based economy), which is especially crucial for engineering.

---

### Guest Editors

Prof. Dr. Aphrodite Ktena

Prof. Dr. Nadezhda Kunicina

Prof. Dr. Valery Vodovozov

Dr. Nataliia Kholiavko

Dr. Serhii Stepenko

---

### Deadline for manuscript submissions

closed (15 May 2022)



## Education Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.5



[mdpi.com/si/37320](https://mdpi.com/si/37320)

*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).