

## Special Issue

# Integrated STEAM Education: A Global Perspective

### Message from the Guest Editor

This Special Issue is focused on discussing the potential and limitations of teaching and learning within integrative STEAM approaches, from an international perspective. Thus, empirical research involving innovative experiences in all aspects of teaching and learning, theoretical frameworks for integration and substantiated criticism are welcome. Potential topics include, but are not limited to:

- Frameworks for integrated STEAM education;
- Multi-, inter- and transdisciplinary STEAM teaching and learning sequences;
- The development of scientific, mathematical and digital competences during compulsory schooling;
- Creativity and critical thinking within integrated STEAM approaches;
- Socio-scientific IBSE and engineering design methodologies for integrated STEAM;
- Robotics and STEAM proposals for inclusive education;
- Competencial assessment for integrated STEAM practices;
- Teacher training for STEAM.

Ileana M. Greca

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### Guest Editor

Dr. Ileana Maria Greca

Department of Specifics Didactics, Universidad de Burgos, c/Villadiego n, 109003 Burgos, Spain

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### Deadline for manuscript submissions

closed (31 July 2021)



## Education Sciences

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

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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

Prof. Dr. Daniel Muijs

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

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#### 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).