Special Issue

Theory and Research in Data Science Education

Message from the Guest Editors

Data Science is one of the fastest-growing fields of study at the collegiate level. Recently, there has also been a call for data science to be included in school curricula (Lee et al., 2022). Responding to this call, data science education has been recently established as a new field of educational research and practice that aims to build students' data science literacy starting from the early years of schooling. This Special Issue aims to provide a forum for the sharing of research findings, ideas, and perspectives on this new but fast-growing field of inquiry. Recommended topics for the Special Issue include but are not restricted to the following:

- Essential concepts and core ideas fundamental to data science literacy;
- Teaching and learning of key data science concepts and practices (e.g., exploration of messy data, data cleaning and wrangling, use of coding) at the K-12, undergraduate, graduate, and professional levels;
- Pedagogical models and instructional approaches underlying data science education within and across disciplines.

Guest Editors

Prof. Dr. Maria Meletiou-Mavrotheris

Prof. Dr. Aisling Leavy

Prof. Dr. Daniel Frischemeier

Dr. Sibel Kazak

Dr. Efi Paparistodemou

Dr. Dionysia Bakogianni

Deadline for manuscript submissions

31 July 2025

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).