



Theory and Research in Data Science Education

Guest Editors:

Prof. Dr. Maria Meletioun-Mavrotheris

Prof. Dr. Aisling Leavy

Prof. Dr. Daniel Frischemeier

Dr. Sibel Kazak

Dr. Efi Paparistodemou

Dr. Dionysia Bakogianni

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.

Deadline for manuscript
submissions:

1 September 2024





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Daniel Muijs

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: CiteScore - Q1 (*Education*)

Contact Us

Education Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/education
education@mdpi.com
X@EducSci_MDPI