



## Application of STEM Subjects in Different Disciplines: Use of Data Mining and Artificial Intelligence Techniques

Guest Editors:

**Dr. María Consuelo Sáiz  
Manzanares**

Departamento de Ciencias de la  
Salud, Universidad de Burgos,  
09001 Burgos, Spain  
mcsmanzanares@ubu.es

**Prof. Dr. Miguel Ángel  
Queiruga Dios**

Department of Specific Didactics,  
Universidad de Burgos, 09001  
Burgos, Spain  
maqueiruga@ubu.es

Deadline for manuscript  
submissions:

**12 October 2021**

### Message from the Guest Editors

Dear Colleagues,

The society of the 21st century is making rapid progress in technology-oriented research, which makes the subjects of STEM transversal to all areas of knowledge. For this reason, it is important to know about research into the incorporation of STEM (science, technology, engineering, and mathematics) subjects into different areas of knowledge in the different stages of the education system (pre-school, primary, secondary, and university). This monograph will include research experiences in these stages aimed at promoting the use of STEM subjects in applied curricular areas, placing special emphasis on the use of data mining and artificial intelligence techniques to improve learning.

Dr. María Consuelo Sáiz Manzanares  
Prof. Dr. Miguel Ángel Queiruga Dios  
*Guest Editors*





an Open Access Journal by MDPI

## Editors-in-Chief

**Dr. José Jesús Gázquez  
Linares**

1. Department of Psychology,  
Universidad de Almería, Calle  
Universidad de Almería, 04120  
Almería, Spain
2. Universidad Autónoma de  
Chile, Av. Pedro de Valdivia 425,  
Providencia, Región  
Metropolitana, Chile

**Dr. María del Carmen Pérez-  
Fuentes**

Department of Psychology,  
Universidad de Almería, Almería,  
Andalucía, Spain

## Message from the Editorial Board

The journal offers an integrating approach to the disciplines it addresses, highlighting the role of health as a transversal axis in educational and psychological processes, present in human development, throughout the life cycle. *European Journal of Investigation in Health, Psychology and Education* (ISSN 2254-9625) is a peer-reviewed scientific journal that publishes original articles and systematic reviews or meta-analyses related to research on human development throughout the life cycle. It is a journal of the University Association of Education and Psychology and is published quarterly online by MDPI.

## Author Benefits

**Open Access:**— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [PMC](#), [PubMed](#), and many [other databases](#).

**Rapid Publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 13.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2021).

## Contact Us

*European Journal of Investigation in  
Health, Psychology and Education*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/ejihpe](http://mdpi.com/journal/ejihpe)  
[ejihpe@mdpi.com](mailto:ejihpe@mdpi.com)  
[@EJIHPE\\_MDPI](https://twitter.com/EJIHPE_MDPI)