



## Artificial Intelligence for Children, Teenagers and People with Health Problems

Guest Editors:

**Prof. Dr. María Consuelo Sáiz-Manzanares**

Departamento de Ciencias de la Salud, Facultad de Ciencias de la Salud, Universidad de Burgos, Paseo Comendadores s/n, 09001 Burgos, Spain

**Dr. César Ignacio García Osorio**

Departamento de Ingeniería Informática, Universidad de Burgos, 09006 Burgos, Spain

**Dr. Luis Jorge Martín Antón**

Departamento de Psicología, Universidad de Valladolid, 47011 Valladolid, Spain

Deadline for manuscript submissions:

**closed (31 March 2021)**

### Message from the Guest Editors

In recent years, the application of technology and Machine Learning techniques to Health Sciences has been increasing. Technological resources help both the detection of different health problems (physical, psychic, or sensory) and their corresponding intervention to overcome them. This is very significant for the prevention of possible health problems or pathologies. Therefore, it is important to promote research in this area.

This Special Issue aims to collect research experiences that are being developed in the field of health and education, involving the use of technological resources and artificial intelligence and/or machine learning techniques aimed at providing personalized responses to various problems for children and teenagers. The final objective of these studies will be to achieve more precise diagnosis and/or interventions and improve the quality of life of the concerned children and teenagers in different areas and domains. Papers in which computer technologies are applied to treat medical, psychological and pedagogical problems will be considered for publication. Likewise, quantitative, qualitative, or mixed methodological designs will be also of interest.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Paul R. Ward**

School of Society and Culture,  
Adelaide University, Adelaide  
5001, Australia

## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

*IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

## Author Benefits

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

**High Visibility:** indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Public Health, Environmental and Occupational Health)

## Contact Us

---

*International Journal of  
Environmental Research and Public  
Health* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/ijerph  
ijerph@mdpi.com  
X@IJERPH\_MDPI