

## Special Issue

# Applications of Artificial Intelligence in Public Health and Medicine: From Targeted, Improved Technical Tools to a Wide, Deep Social Revolution

### Message from the Guest Editors

We call for contributions that can account for the entire spectrum between these two extremes, in order to determine whether they are fully reconcilable:

- The application of AI to targeted issues in medicine and public health: use of natural language processing to extract knowledge from medical records and the scientific literature; diagnostic aid; predictive modeling of diseases, epidemics, the evolution of a health system under various constraints; ethical, legal, ecological and economic aspects of AI in health; etc.;
- The application of AI in public or population health, as a socio-technical means redistributing roles between traditional health actors and new actors, promoting the emergence of new uses and new practices, authorized or not at present: the health in the hands of private companies outside of health; the reaction of public institutions to digital and AI in health; the place of the individual and the patient in relation to AI and their health; new jobs; etc.

We, therefore, invite both articles presenting applications, specific use cases, in particular, their scientific evaluation, and articles on perspectives or the state of the art on these questions.

---

### Guest Editors

Dr. Thomas Lefèvre  
Dr. Claire Morgand  
Dr. Cyrille Delpierre

---

### Deadline for manuscript submissions

closed (31 January 2025)



## International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/174413](https://mdpi.com/si/174413)

*International Journal of  
Environmental Research and  
Public Health*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijerph@mdpi.com](mailto:ijerph@mdpi.com)

[mdpi.com/journal/  
ijerph](https://mdpi.com/journal/ijerph)





# International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/journal/  
ijerph](https://mdpi.com/journal/ijerph)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Paul R. Ward

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

---

### 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)