



## Homo Informatics: Health, Cognition and Social Issues of Human-Computer-Interaction

Guest Editor:

**Prof. Dr. Michael Trimmel**  
Medizinische Universität Wien,  
Center for Public Health;  
University of Vienna, Faculty of  
Psychology, Vienna, Austria

Deadline for manuscript  
submissions:  
**closed (1 November 2020)**

### Message from the Guest Editor

Dear Colleagues,

Most people spend a lot of time using smartphones or other mobile devices, voice assistant devices, and other integrated devices or computers. Through this use, a huge amount of information is delivered as well as accessed by the user. Such human–computer interaction (HCI) may lead to diverse effects on humans, from the babies to the elderly, and shape their personality, cognition, motivation, well-being, social issues, and health, both in users and providers (homo informaticus).

To date, there is puzzling evidence suggesting that HCI (including all kinds of online activity) may shape human information processing (attention, perception, sense of reality, memory, thinking, intelligence), affect social aspects, affect educational aspects, and lead to health problems.

To figure out how HCI affects psychological issues and health aspects, any research of HCI (including all kind of online activity)—preferably suggesting causal effects—including positive perspectives or the prevention of harmful effects is welcome in the Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Paul B. Tchounwou**  
RCMI Center for Urban Health  
Disparities Research and  
Innovation, Richard N. Dixon  
Research Center, Morgan State  
University, Baltimore, MD 21251,  
USA

## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access 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, CAPus / 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