

Special Issue

Digitalization as a Driving Force for Occupational Safety

Message from the Guest Editor

Digitalization offers a range of new options for innovative developments in today's working environment. The changes that come with the advances in digital technologies are particularly evident in the industrial sector. Artificial intelligence, advanced robotics, big data, interconnectivity, real-time communication, virtual and augmented reality, remote monitoring and remote process control are defining for the new era called Industry 4.0. The rapidness of these developments and the changes that they bring about for the work of employees present new challenges for occupational safety and health.

This Special Issue focuses on new technologies in the field of occupational safety and health. Topics of interest include—but are not limited to

- assistant systems in machinery
- virtual reality in risk assessment
- augmented reality in process monitoring
- artificial intelligence in occupational safety and health
- collaborative robotics
- smart PPE
- human factors

Guest Editor

Dr. Marc Wittlich

Institute for Occupational Safety and Health of the German Social Accident Insurance, D-53757 Sankt Augustin, Germany

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

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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 B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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