

## Special Issue

# Wearable Sensors and Robotic Devices to Prevent and Monitor Work-Related Diseases

### Message from the Guest Editors

This Special Issue aims to promote innovative technologies and methodologies for the assessment of worker motion and health condition, as well as the development of supporting robotic devices. Original research contributions as well as review articles are welcome. Potential topics include but are not limited to the following:

- Innovative methodologies for worker motion analysis and health condition monitoring;
- Application of wearable sensors for worker motion analysis and health condition monitoring;
- Design of innovative sensors for worker motion analysis and health condition monitoring;
- Application of robotic devices for supporting workers;
- Design of innovative robotic devices for supporting workers;
- Artificial intelligence for evaluating work safety;
- Algorithms for evaluation of ergonomic worker condition;
- Synthetic indices for work-related disorder prevention;
- Guidelines for the implementation of specific programs to address worker safety.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2022)



## International Journal of Environmental Research and Public Health

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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.

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### Editor-in-Chief

Prof. Dr. Paul B. Tchounwou  
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