

## Special Issue

# Recent Research in Occupational Exposure Assessments and Hazard Control Measures

### Message from the Guest Editor

According to the International Labour Organization (ILO), every year, there are approximately 340 work-related accidents and 160 million cases of occupational illness. These are staggering numbers, and evidence-based best practices are necessary to reduce the global burden of occupational injuries and diseases. This Special Issue aims to publish high-quality, original research papers dedicated to novel developments and/or improvements intended to address occupational hazards and, in turn, reduce the risk to the exposed working population. Potential topics include, but are not limited to:

- Biomonitoring of occupational exposure
- Air pollution and airborne hazardous pollutants in environment
- Simulation and modeling tools for occupational exposure assessment
- Technologies for hazards remediation

Topics of interest in this Special Issue include assessing occupational exposures as well as some of the methods designed to reduce the risk of workplace hazards. The latter may be directed towards long-standing workplace hazards or emerging hazards that could adversely impact worker health and well-being.

---

### Guest Editor

Dr. Chun-Yip Hon

School of Occupational and Public Health, Toronto Metropolitan University, Toronto, ON M5B 2K3, Canada

---

### Deadline for manuscript submissions

closed (20 April 2024)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/123659](https://mdpi.com/si/123659)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )