

Special Issue

2nd Edition of Industrial Safety and Risk Management

Message from the Guest Editors

Safety is one of the most important issues in modern industrial plants and industrial activities. The role of Safety Engineering is to ensure that production systems have acceptable safety levels, not only to respect local laws and regulations, but also to improve production efficiency and to reduce manufacturing costs. For these reasons, the choice of a proper model for risk assessment is crucial.

Emergency management in industrial plants is a fundamental issue to ensure the safety of operators. The emergency management analyzes two fundamental aspects: system reliability and human reliability. System reliability is the capability of ensuring the functional properties within a variability of work conditions, considering possible deviations due to unexpected events. However, system reliability is strongly related to the reliability of its weakest component. The complexity of the processes could generate incidental situations, and the worker appears (human reliability) to be the weakest part of the whole system.

This 2nd Edition of the Special Issue seeks research papers on various aspects of industrial safety, risk management, and reliability allocation in production systems.

Guest Editors

Dr. Gianpaolo Di Bona

Dr. Antonio Forcina

Dr. Filippo De Carlo

Dr. Luca Silvestri

Deadline for manuscript submissions

closed (10 July 2022)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/92285

*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

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)