

Special Issue

Safety and Analysis

Message from the Guest Editor

The complexity in modern industrial systems is steadily on the increase, and this created a series of new hazards and increases the risk associated with the operations of a systems. Complexity poses a high risk due to the negligence of the principle of inherent safety and it has caused major industrial accidents in the recent past, resulting into economic losses, environmental degradation, and human losses.

Analyzing the safety and reliability of these complex process systems is both challenging and demanding due to system dynamics. In complex industrial systems, accident causation is normally due to nonlinear interactions of various contributory factors. More often than not, process operational hazards do not usually get adequate attention in risk assessment and analysis. The safety and integrity of industrial systems are of paramount importance; therefore, a concerted effort is needed from all and sundry involved in these endeavours. To tackle this development, extensive research is needed in the area of risk assessment and the analysis of chemical process systems.

Guest Editor

Dr. Faisal Khan

Faculty of Engineering & Applied Science, Centre for Risk, Integrity and Safety Engineering (C₂RISE), Memorial University, St. John's, Canada

Deadline for manuscript submissions

closed (30 April 2019)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/18347

*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 B. Tchounwou

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

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)