

Special Issue

New Insights for Pesticide Risk Assessment: Humans and the Environment

Message from the Guest Editors

This Special Issue will address the challenges and opportunities related to the evolution of the risk assessment paradigm, as well as the incorporation of new approach methodologies such as *in vitro*, *in silico* and omics, through the application of adverse outcome pathway (AOP) networks and the opportunities for more integrative approaches assessing the overall risk of pesticide use instead of single active substances. An area of particular interest is the integration of human and environmental risk assessments as well as integrated risk/benefit analysis. Expanding the “One Health” principles to cover human, animal, plant and environmental health would provide a solid scientific background for assessing and comparing the sustainability of plant protection strategies. This Special Issue is open to any subject related to the risk assessment of pesticides for human health and the environment. Research papers, analytical reviews, case studies, conceptual frameworks, and policy-relevant articles are welcome.

Guest Editors

Dr. Jose V. Tarazona

National Centre for Environmental Health, Instituto de Salud Carlos III,
28220 Madrid, Spain

Dr. M. Carmen González-Caballero

National Centre for Environmental Health, Instituto de Salud Carlos III,
28220 Madrid, Spain

Deadline for manuscript submissions

closed (20 February 2024)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/162595

*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)