

Special Issue

Pesticide Risk Assessment: Human and Environmental

Message from the Guest Editors

The integration of pesticide impacts with climate change and other agronomic pressures is leading ecological developments which can help to identify more realistic models for “agro-environmental” assessments at landscape level. The expansion of human, food, and environmental monitoring programs is leading developments toward “postmarketing” vigilance approaches, and challenges in integrating prospective and retrospective approaches, but also intensifying the need to move from independent assessments of each pesticide to the combined assessment of the cumulative impact of pesticides on humans and the environment. The massive amount of data is triggering the implementation of Big Data approaches and envisioning the incorporation of Artificial Intelligence in the assessments. Last but not least, social interest and concern are triggering the incorporation of social sciences to improve risk communication.

This Special Issue is open to any subject related to risk assessment of pesticides for human health and for the environment. Research papers, analytical reviews, case studies, conceptual frameworks, and policy-relevant articles are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2022)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/66760

*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.

Editor-in-Chief

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