Special Issue

Global Environmental Changes, Pathogens Spread and Influences on Infectious Diseases

Message from the Guest Editors

Human behavior is the main factor of environmental changes. From water pollution to climatic changes, all of them can have consequences such as the emergence and reemergence of certain infectious diseases, which have being more frequent all around the world, due to the wide spread of pathogenic organisms.

Multidisciplinary fields, such as biology, environmental engineering, medicine, veterinary and all those related to One Health concept, have studied the complex environmental systems related to spread of pathogens and ocurrence of infection diseases. In this context, the key players on pathogens dissemination are animals (by zoonotic pathogens), water, food, wastewater and other residues that may be a reservoir of bacteria, virus or parasites. So that, the present Special Issue of International Journal of Environmental Research and Public Health invites the submisstion of original articles and reviews addressing these topics, especially, but not limited to, those reporting the detection of pathogens on environmental systems, alternatives and safe practices to minize the occurrence of infection diseases.

Guest Editors

Prof. Dr. Aline Viancelli

Research Group on Engineering, Performance and Environmental Quality, Universidade do Contestado (PMPECSA), Concórdia 89711-330, SC, Brazil

Prof. Dr. William Michelon

Research Group on Engineering, Performance and Environmental Quality, Universidade do Contestado (PMPECSA), Concórdia 89711-330, SC, Brazil

Deadline for manuscript submissions

closed (1 March 2025)



International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/122464

International Journal of Environmental Research and Public Health Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijerph@mdoi.com

mdpi.com/journal/ ijerph





International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed





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

Centre for Public Health, Equity and Human Flourishing, Torrens University Australia, Adelaide 5000, 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)