



Vector-Borne Diseases and Geospatial Modeling

Guest Editors:

Dr. Kinley Wangdi

Department of Global Health,
National Centre for Epidemiology
and Population Health,
Australian National University,
Canberra, ACT 2601, Australia

**Dr. Apiporn Thinkhamrop
Suwannatrai**

Faculty of Medicine, Khon Kaen
University, Khon Kaen, Thailand

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Vector-borne diseases (VBDs) account for up to 17% of all infectious diseases in low- and middle-income countries of the world. Complex environmental, climatic, and social factors drive the distributions of VBDs. These factors can impact the VBDs by making transmission longer or more intense. For example, transmissions to newer regions can be caused by conducive climatic and environmental conditions. Furthermore, frequent epidemics of VBDs are driven by increased cross-border travel and trade, changing agricultural practices, and individual behavior. The increasing rates of these VBDs have major social, economic, and developmental impacts in resource-constrained settings, affecting the ability of people to work and contribute to their families' income, preventing children from attending school, and posing significant medical costs. Together these factors contribute to rising health inequities and hinder socioeconomic development.

This Special Issue “Vector-Borne Diseases and Geospatial Healthcare” welcomes high-quality original research articles and review articles in the broad subject area of VBDs and geospatial health.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Public Health, Environmental and Occupational Health*)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
[X@IJERPH_MDPI](https://twitter.com/IJERPH_MDPI)