



The Socio-Environmental Determinants Underlying the Spatial: Epidemiology of Dengue

Guest Editor:

Dr. Rick E. Paul

Ecology and Emergence of
Arthropod-Borne Pathogens,
Institut Pasteur, CNRS UMR2000,
75015 Paris, France

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Dengue is a rapidly emerging mosquito-borne infection, caused by any one of four viral serotypes (denoted DENV-1, 2, 3, and 4), with an increase in incidence of thirty-fold over the last 50 years.

Dengue risk is associated with climatic factors, urbanization and a wide range of socioeconomic factors. However, these associated risk factors are not systematic, vary extensively in definition, and may often not be generally applicable. Moreover, the city-wide and even region-wide impact they have is influenced by the role of human mobility, ferrying the virus from places of high environmental risk elsewhere. The identification of the source of infection and the subsequent socio-spatial structure of the intra-urban and inter-urban spread of DENV would clearly aid the local public health services to better allocate resources.

This Special Issue aims to bring together articles that place socio-economic risk factors within specific defined urban contexts, articulated with human mobility networks at local and regional scales, all with a view of developing intervention and control strategies.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul R. Ward

School of Society and Culture,
Adelaide University, Adelaide
5001, Australia

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.

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)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijerph
ijerph@mdpi.com
X@IJERPH_MDPI