



Infectious Disease Modeling in the Era of Complex Data

Guest Editors:

Prof. Dr. Elena N. Naumova

Nutrition Epidemiology and Data
Sciences, Freidman School of
Nutrition Science and Policy,
Tufts University, 150 Harrison
Avenue, Boston, MA 02111, USA

Dr. Tania M. Alarcon Falconi

Division of Nutrition Data
Sciences, Freidman School of
Nutrition Science and Policy,
Tufts University, 150 Harrison
Avenue, Boston, MA 02111, USA

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue highlights the advancements and challenges of quantifying important features in disease dynamics. We aim to provide a broad range of examples where the knowledge of temporal dynamics, environmental factors, and seasonal characteristics, such as peak timing, seasonal amplitudes, duration and onset, are crucial for the journal's broad readership. We especially encourage the submission of interdisciplinary work and multi-country collaborative research. We also encourage the submission of health policy-related manuscripts that focus on issues related to infectious disease dynamics and their relationship to the environment, and recommendations for improving local and global surveillance systems. We welcome original research papers using different study designs as well as systematic reviews and meta-analysis.





an Open Access Journal by MDPI

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

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, 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, Grosspeteranlage 5
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)