

Special Issue

Spatial and Spatiotemporal Analysis of Infectious Diseases

Message from the Guest Editors

Spatial epidemiology is an interdisciplinary field that incorporates geospatial components in addressing public health problems. Due to the dynamic nature of infectious diseases, the analysis requires a spatio-temporal approach to monitor, manage, and control the diseases. The integration of spatio-temporal, machine learning, and spatial statistics makes it possible to track infectious disease risk and occurrence associated with environmental factors, urban health, and social sciences. Thus, we are delighted to announce our Special Issue, is accepting submissions in the following areas:

- Spatiotemporal analysis of any kinds of infectious diseases across the world;
- Machine learning approaches to investigate the geographical pattern of infectious diseases;
- The effects of climate change on re-emerging infectious diseases;
- The effects of urban environment on transmission of infectious diseases;
- The effects of immigration on infectious disease transmission;
- Interdisciplinary collaboration: connectivity, cross-linkage of public health, urban health, social science and infectious diseases.

Guest Editors

Dr. Behzad Kiani

UQ Centre for Clinical Research (UQCCR), Faculty of Health, Medicine and Behavioural Sciences, The University of Queensland, Brisbane 4006, Australia

Dr. Abolfazl Mollalo

Biomedical Informatics Center, Department of Public Health Sciences, Medical University of South Carolina, Charleston, SC 29425, USA

Deadline for manuscript submissions

closed (28 August 2023)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
tropicalmed@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. John Frean

Pathologist, Parasitology Reference Lab, Centre for Emerging Zoonotic and Parasitic Diseases, National Institute for Communicable Diseases, University of the Witwatersrand, Johannesburg 2192, South Africa

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