# **Special Issue**

# Spatial Epidemiology and Infectious Diseases in the Context of Changing Climate

# Message from the Guest Editors

This Special Issue explores the application of spatial epidemiology methods for modelling the complex relationships between climate change, environmental factors, and the burden of infectious diseases. We invite original research articles, reviews, and methodological advances that address themes, including, but not limited to:

- Spatial modelling of climate change impacts on infectious disease transmission:
- Environmental determinants of climate-sensitive disease patterns;
- Socioeconomic vulnerabilities as mediators in climate-related health risks;
- Integration of climate, environmental, and socioeconomic data in spatial epidemiological models:
- Case studies linking climate variability and disease burden:
- Methods for assessing climate and health resilience in vulnerable populations;
- Policy implications of climate change in infectious disease control.

By emphasizing the diverse pathways through which climate change influences infectious diseases, this Special Issue aims to foster a comprehensive understanding of disease vulnerability and contribute to the development of targeted interventions for climatesensitive 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. Benn Sartorius

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

# Deadline for manuscript submissions

31 December 2025



# Tropical Medicine and Infectious Disease

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 4.7 Indexed in PubMed



mdpi.com/si/228513

Tropical Medicine and Infectious Disease
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
tropicalmed@mdpi.com

mdpi.com/journal/ tropicalmed





# Tropical Medicine and Infectious Disease

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 4.7 Indexed in PubMed



# **About the Journal**

# Message from the Editor-in-Chief

# **Editor-in-Chief**

### Prof. Dr. John Frean

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

# **Author Benefits**

# **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Informit, and other databases.

# **Journal Rank:**

JCR - Q1 (Tropical Medicine) / CiteScore - Q2 (Public Health, Environmental and Occupational Health)

# **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 3.1 days (median values for papers published in this journal in the first half of 2025).

