

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 climate-sensitive infectious diseases.

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.2 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).