

Special Issue

Vector-Borne Diseases and Geospatial Modeling

Message from the Guest Editors

Vector-borne diseases (VBDs) account for up to 17% of all infectious diseases in low- and middle-income countries of the world. Complex environmental, climatic, and social factors drive the distributions of VBDs. These factors can impact the VBDs by making transmission longer or more intense. For example, transmissions to newer regions can be caused by conducive climatic and environmental conditions. Furthermore, frequent epidemics of VBDs are driven by increased cross-border travel and trade, changing agricultural practices, and individual behavior. The increasing rates of these VBDs have major social, economic, and developmental impacts in resource-constrained settings, affecting the ability of people to work and contribute to their families' income, preventing children from attending school, and posing significant medical costs. Together these factors contribute to rising health inequities and hinder socioeconomic development. This Special Issue "Vector-Borne Diseases and Geospatial Healthcare" welcomes high-quality original research articles and review articles in the broad subject area of VBDs and geospatial health.

Guest Editors

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Paul R. Ward

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