

Special Issue

Forecasting Vector-Borne Diseases

Message from the Guest Editors

Vector-borne diseases impose a global burden of over 390 million infections and over USD 9 billion per year. Some vector-borne diseases are gradually emerging in areas that were previously considered disease-free, or re-emerging in areas where they had subsided for decades. Often, outbreaks of these diseases occur out of season, at irregular intervals, and with devastating consequences.

This Special Issue aims to advance the field of the forecasting of vector-borne diseases. We aim to synthesize the available state-of-the-art modelling frameworks, and to provide insights into the challenges faced by researchers and public health institutions for making vector-borne forecasting systems operational. Manuscripts are being sought in the following areas: novel disease-modelling approaches for forecasting vector-borne diseases; forecast evaluation frameworks; lessons from the field regarding challenges for implementing operational and sustainable forecasting systems; multi-forecasting-model comparisons; and the integration of novel data types for vector-borne disease forecasting.

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2022)



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Editor-in-Chief

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