



Ecology and Spatio-Temporal Patterns of Zoonotic Diseases

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Message from the Guest Editors

This Special Issue is focused on advances in and applications of spatial, mathematical, and bioinformatics tools for addressing ecological and space–time patterns of zoonotic diseases. These studies are informed and strengthened by data relating outbreak intensity to pathogenesis and pathogen biology and how they shape host infection and immune response. Recent advances in spatial analysis are matched by advances in bioinformatics, proteomics, and laboratory experimentation, allowing the One Health community to better relate disease outbreaks to specific environmental drivers and pathogen biology. For this Special Issue of *IJERPH*, we invite papers focused on the intersection of ecology and spatio-temporal patterns of zoonotic diseases. Interdisciplinary studies are critical to the field and highly encouraged.





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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.

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