



Applications of Remote Sensing for One Health

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Message from the Guest Editors

Dear Colleagues,

The changes in climate and land use have increased the probability of pathogen spillover between wild animals, domestic animals, and humans, which then increase the risk of infectious disease transmission worldwide. The “One Health” approach, which aims to explore the interactions between the environment, animals, and humans, promotes multidisciplinary and collaborative research and practices at local, regional, and global scales.

This Special Issue aims to capture recent advancements in the application of big geospatial data in One Health-related studies and promote the realization of the “One Health” concept from theory to practice. Potential topics include (but are not limited to) the following: (i) integration, fusion, and analyses of multi-source and heterogeneous datasets for characterizing the human–animal–environment systems at various spatial and temporal scales, for example, climate, land use, environment, socioeconomic, and population; (ii) the use of big geospatial data and various models and computing technologies to explore the hidden interrelations between the environment, animal, and human systems.





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Message from the Editor-in-Chief

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