

Special Issue

Applications of Remote Sensing for One Health

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Damien Arvor

Prof. Dr. Jinwei Dong

Dr. Zhichao Li

Prof. Dr. Xiangming Xiao

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Remote Sensing
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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