

## Special Issue

# Applications of Remote Sensing and GIS in Land and Soil Resources

### Message from the Guest Editors

Agriculture is the source of food and clothing, which are the foundations of human survival. It is necessary to master the quantity, quality, spatial distribution and spatiotemporal evolution of agricultural resources. Land and soil resources are important natural resources for human survival and development, and the collaborative application of GIS and remote sensing technology has demonstrated significant advantages in their investigation, monitoring and evaluation. This Special Issue will focus on the latest advances in spatiotemporal evolution and monitoring of land and soil resources with remote sensing technology and GIS. We are seeking original manuscripts on topics including (but not limited to):

- Land-use/cover change and simulation;
- Land-use monitoring;
- Soil remote sensing;
- Soil spatial variability;
- Spatiotemporal evolution of soil resources;
- Land/soil resources assessment;
- Dynamic monitoring of soil erosion;
- Remote-sensing monitoring of agricultural crops;
- Information extraction of crop with remote sensing;
- Diagnosis of crop nutrition with remote sensing.

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### Guest Editors

Dr. Xiaoguang Zhang

Prof. Dr. Yanbing Qi

Dr. Zhigang Wang

Dr. Mingsong Zhao

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### Deadline for manuscript submissions

closed (31 December 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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