

Special Issue

Remote Sensing and GIS in Earth Observations

Message from the Guest Editors

The integration of remote sensing and GIS plays an important role in applications such as land use and land cover change detection, environmental monitoring, disaster management, climate change studies, agricultural monitoring, urban and regional planning, water resources management, etc. Innovations in remote sensing technology and GIS, including higher resolution sensors, cloud computing, and geospatial artificial intelligence, enhance the capabilities of Earth observation. We invite contributions and insights on research areas relating to Earth observation through the use of remote sensing and GIS. Topics include, but are not limited to, the following:

- Change detection;
- Image classification;
- Geoscience applications;
- Land use and land cover;
- Images fusion for Earth observation;
- Deep learning for Earth observation;
- Geological and environmental applications;
- Disaster management.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2024)



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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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