



Land Use/Cover Change Detection with Geospatial Technologies

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Earth observation is amongst the fastest growing geospatial technology fields, utilizing a variety of imaging sensors (radar, optical, multi-spectral, and hyper-spectral) and remote measurement systems (laser scanning, radar altimetry, etc.) installed on satellites, aircraft/road vehicles, and drones to remotely sense many aspects of the natural and built environment. Geospatial technologies have been widely used for monitoring vegetation and land use, biomass and soil moisture, water surfaces and flooding, pollution at sea, ship detection, terrain mapping, and ground deformation measurement.

This Special Issue aims to disseminate state-of-the-art research articles on earth observation-based change detection using remotely sensing and geospatial technologies, including change detection of land use and land cover, urban change detection, landslide monitoring, crop health/growth monitoring, deforestation monitoring, flood monitoring, and wildfire monitoring. Reviews, case studies, and novel research papers are welcome.





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Message from the Editor-in-Chief

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