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Multi-Sensor Techniques for Topographic Mapping

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Deadline for manuscript submissions:

closed (25 January 2021)

Message from the Guest Editors

Topographic mapping is a fundamental procedure in various field-based studies, including in geomorphology, archaeology, ecology, and environmental sciences. A variety of sensors have recently been developed to perform mapping of landforms. For instance, unmanned aerial vehicles (UAVs) have been used to capture optical or infrared images to carry out three-dimensional and multiband mapping of the land surface. Aerial or terrestrial light detection and ranging (lidar) technology have often been applied to measure surficial objects on the land such as forests. With such techniques, detailed characteristics of the land surface morphology can be investigated, and time-series analysis with multitemporal measurements enables us to detect changes in the Earth surface by an excellent spatiotemporal resolution.

This Special Issue aims to present novel and innovative applications of multiple sensors and devices used for topographic mapping. For this, we call papers addressing the wide range of applications of sensors used for topographic mapping. Either review articles or original research papers or technical papers related to the application for topographic mapping are welcome.



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Special Issue



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Message from the Editor-in-Chief

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