Special Issue

Applications of Full Waveform Lidar

Message from the Guest Editor

LiDAR Full-waveform (FW) systems allow for the registration of the complete wave as the energy pulse interacts with the object. This is particularly relevant in forest environments, since they are able to capture continuous information from the top of the canopy to the ground. Currently, the main use of LiDAR FW is focused on forest applications, where new methods for forest ecology management, forest structure characterization, fuel variables mapping and quantifying understory vegetation using LiDAR FW are under development. However, other applications have also benefited from using this technology, such as land use/land cover urban and agricultural classification, topographic modelling or archaeological prospection. The purpose of this Special Issue is to bring the state-of-the-art in LiDAR FW applications with different system types, in the development of new processing methods, algorithms and tools, and in the integration of LiDAR with other sensors and data sets to optimize its performance. Review papers and research contributions are both welcomed.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2019)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/17051

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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.

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