Special Issue

Point Cloud Processing in Remote Sensing

Message from the Guest Editors

Point clouds are deemed to be one of the foundational pillars in representing the 3D digital world despite irregular topology among discrete points. Recently, the advancement in sensor technologies that acquire point cloud data for a flexible and scalable geometric representation has paved the way for the development of new ideas, methodologies and solutions in countless remote sensing applications. The state-of-the-art sensors are capable of capturing and describing objects in a scene by using dense point clouds from various platforms (satellite, aerial, UAV, vehicle-borne, backpack, handheld and static terrestrial), perspectives (nadir, oblique and side-view), spectrums (multispectral), and granularity (point density and completeness). Meanwhile, the ever-expanding application areas of point cloud processing have already covered not only conventional domains in geospatial analysis, but also include manufacturing, civil engineering, construction, transportation, ecology, forestry, mechanical engineering and so on. The Special Issue aims at contributions that focus on processing and utilizing point cloud data acquired from laser scanners

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Message from the Editor-in-Chief

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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