

Special Issue

New Perspectives on 3D Point Cloud (Fourth Edition)

Message from the Guest Editor

This Special Issue will collect original papers regarding the innovative processing and applications of 3D point clouds acquired from remote sensing sensors in different and new areas of research (i.e., environment, cultural heritage, maritime, architecture, climate analysis, city modeling research, manufacturing, data prediction). Topics should be strictly related to the aims of the Remote Sensing journal. All studies must explicitly use airborne, spaceborne, UAV-borne, or terrestrial remote sensing data and address earth-science questions. The papers suitable for this Special Issue must emphasize new perspectives and innovative methods on 3D point cloud acquisition, analysis, and post-processing, focusing on data extraction, semantic feature extraction, machine and deep learning algorithms, AI, the use of segmented point clouds for HBIM and BIM, and automated and semi-automated procedures. Importance should also be given to multi-temporal point clouds and the characterization of object dynamics.

Guest Editor

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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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