

Special Issue

New Perspectives on 3D Point Cloud

Message from the Guest Editors

The Special Issue aims to collect innovative research of high scientific depth regarding the collection and postprocessing of 3D point clouds applied to different fields. Great importance is also given to open source solutions and automated/semiautomated procedures. Topics should be strictly related to the aims of the Remote Sensing journal, since these data are the results of different sensors for a 3D reality-based survey.

Articles suitable for this Special Issue must emphasize new perspectives on 3D point cloud acquisition, analysis and postprocessing applied to different fields of research (i.e., environment, cultural heritage, architecture, mechanics, industry, Maritime, etc.). The field of semantic segmentation and feature extraction from the 3D point cloud is also a key topic, along with machine and deep learning and AI. The SCAN-to-BIM process is also an important line of research, considering the number of open issues still lacking solutions.

Guest Editors

Dr. Sara Gonizzi Barsanti

Department of Engineering, Università Degli Studi Della Campania Luigi Vanvitelli, Via Roma 29, 81031 Aversa, Italy

Sajjad Roshandel

School of Informatics, Xiamen University, Xiamen, China

Deadline for manuscript submissions

closed (30 April 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/117320

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



About the Journal

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.

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)