

# Special Issue

## Point Cloud Processing and Analysis in Remote Sensing

### Message from the Guest Editors

This *Remote Sensing* Special Issue is meant to support the aforementioned scope by collecting and publishing research and review papers on, but not limited to, the following topics:

- Data models and compression for huge dataset storage
- Multiple sources point cloud registration and fusion
- Out-of-core processing and visualization of large datasets
- Multitemporal analysis of point cloud data
- New approaches and methodologies for point cloud based semantics.
- Environment change detection based on point clouds.
- Multispectral point clouds acquisition and processing.
- Remote Sensing applications of 3D modeling
- Forest and asset inventory based on point clouds
- Performance evaluation of point cloud processing and analysis methods.

We look forward to receiving your submissions in this challenging area.

Dr. Higinio González-Jorge

---

### Guest Editors

Dr. Joaquín Martínez-Sánchez

Applied Geotechnologies Research Group, Mining and Energy School, Maxwell AV., 36310 Vigo, Spain

Dr. Higinio González Jorge

Engineering Physics Group. School of Aerospace Engineering, University of Vigo, Campus Ourense, 32004 Ourense, Spain

---

### Deadline for manuscript submissions

closed (30 June 2020)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/26522](https://mdpi.com/si/26522)

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