Special Issue

Vegetation Classification and Mapping by Remote Sensing and Machine Learning

Message from the Guest Editors

Vegetation classification and mapping by remote sensing and machine learning have significant implications for understanding ecosystem dynamics, monitoring changes in vegetation cover and types, and informing land-use and conservation planning efforts. This Special Issue invites the submission of studies covering vegetation classification and mapping by remote sensing and machine learning acquired by different sensors and platforms. Articles may address, but are not limited, to the following topics:

- Application of classic machine learning methodology to vegetation classification and mapping;
- Modern machine learning methodology for feature extraction;
- High-performance machine learning algorithms for vegetation mapping;
- Accuracy assessment of machine learning in remote sensing;
- Vegetation classification and mapping by remote sensing and machine learning using multi-sensors;
- Regional/global scale programs for vegetation classification and mapping by machine learning.

Guest Editors

Prof. Dr. Kiwon Lee
Prof. Dr. No-Wook Park
Dr. Kwangseob Kim

Deadline for manuscript submissions

closed (20 February 2024)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/165333

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

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)