



Vegetation Mapping through Multiscale Remote Sensing

Guest Editors:

Dr. Alberto García-Martín

1. Centro Universitario de la
Defensa de Zaragoza, 50090
Zaragoza, Spain
2. Environmental Sciences
Institute (IUCA), University of
Zaragoza, 50009 Zaragoza, Spain

Dr. Antonio Luis Montealegre Gracia

1. Centro Universitario de la
Defensa de Zaragoza, 50090
Zaragoza, Spain
2. Environmental Sciences
Institute (IUCA), University of
Zaragoza, 50009 Zaragoza, Spain

Deadline for manuscript
submissions:

31 December 2024



mdpi.com/si/101510

Message from the Guest Editors

Dear Colleagues,

At present, the availability of multi-resolution remote sensing datasets allows multiscale and multitemporal approaches in order to perform analysis and modeling for the sustainable management of plant ecosystems.

This Special Issue welcomes contributions focusing on the integrated use of multi-scale remote sensing observations applied to vegetation mapping. We particularly appreciate contributions exploiting novel methods and applications from multiscale/multisource observations. Review articles are also welcome. Articles may address, but are not limited to, the following topics:

- Vegetation land cover mapping and pattern analysis;
- Vegetation change;
- Biotic and abiotic vegetation damage;
- Wildfire studies (pre-fire, monitoring and post-fire);
- Biophysical parameters (Biomass, LAI, canopy water content, canopy height, etc.);
- Biodiversity and wildlife;
- Novel strategies for multiscale data processing;
- The role of scale in vegetation mapping;
- Multiscale, multispectral and multi-temporal remote-sensing data fusion;
- Upscaling or downscaling approaches.

Dr. Alberto García-Martín

Dr. Antonio Luis Montealegre Gracia

Guest Editors

Special Issue



an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)