Special Issue

Hyperspectral Remote Sensing for Biodiversity Mapping

Message from the Guest Editors

This Special Issue will include studies focused on the use of hyperspectral data at different spatial scales (e.g. leaf level, canopy, stand, landscape, regional) for biodiversity mapping, with special attention to the use of scientifically sound data collection techniques (e.g. well calibrated data) and given the wealth that hyperspectral data provides, novel approaches for data analysis. We invite authors to submit recent research that encompass the following topics using hyperspectral data:

- Biodiversity mapping
- Species spectral differences
- Species composition
- Novel applications to terrestrial and aquatic systems
- Multi-scale analyses, including but not limited to field sampling, UAV, airborne and satellite
- Scaling approaches between platforms
- Calibration/validation and good practices for hyperspectral data collection and analysis for biodiversity assessment
- Data fusion between hyperspectral and other sources (e.g. LiDAR)

Guest Editors

Dr. J. Pablo Arroyo-Mora
Flight Research Laboratory, National Research council of Canada, 1920 Research Private, U-61, Ottawa, ON K1V 2B1, Canada

Dr. Margaret Kalacska
Department of Geography, Université McGill, Montreal, QC, Canada

Deadline for manuscript submissions

closed (31 January 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/29965

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 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)