



Advances of Remote Sensing in Land Cover and Land Use Mapping

Guest Editors:

Prof. Dr. Sébastien Gadal

Aix-Marseille University, CNRS
ESPACE UMR 7300, Technopôle
de l'Environnement Arbois
Méditerranée, Avenue Louis
Philibert, Bâtiment Laennec Hall
C, BP 80, Cedex 04, 13545 Aix-en-
Provence, France

Prof. Dr. Gintautas Mozgeris

Agriculture Academy, Faculty of
Forest Sciences and Ecology,
Department of Forest Sciences,
Vytautas Magnus University,
Studentų Str. 11, LT-53361
Akademija, Lithuania

Deadline for manuscript
submissions:

closed (31 January 2025)

Message from the Guest Editors

The aim of this Special Issue related to the mapping of land covers and land uses by remote sensing is to review the latest methods and to increase the methodological soundness: that is, the consistency, comparability, accuracy, and transparency of assessing, monitoring, and predicting land uses, land covers and their changes using spatial analysis, artificial intelligence, and remote sensing techniques. New advances in the spatial modelling of territorial patterns and their dynamics and evolutions by remote sensing introduce new conceptual questions related to the actual environmental and territorial processes: the mapping of multi-scalars' dynamics as well as different land use and land cover temporalities and changes.

Articles should focus on new methodologies for mapping land use patterns, land covers, their evolution, and dynamics based on successful operational examples from geography, environmental sciences, climate change mitigation, spatial planning and other studies with land use and land cover information being an important factor. Studies must be based on methodological innovations.





an Open Access Journal by MDPI

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

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.

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)