



Advances in Mapping Land Cover and Land Use Based on Remotely Sensed Data

Guest Editors:

Dr. Yaqian He

Department of Geography,
University of Central Arkansas,
Conway, AR 72035, USA

Dr. Fang Fang

School of Public Policy and
Urban Affairs, Northeastern
University, Boston, MA, USA

Dr. Christopher Ramezan

John Chambers College of
Business and Economics, West
Virginia University, Morgantown,
WV, USA

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

This Special Issue aims to solicit studies that provide insight into the remote sensing of land cover and land use mapping and its impact and driving factors at local, regional, or global scales. Topics may include anything from land cover and land use mapping for a certain vegetation type (e.g., pasture) at a small scale to a more comprehensive large-scale evaluation or method. Studies may address, but are not limited, to the following topics:

- LCLU mapping using multi-sources data (e.g., multispectral, hyperspectral, LiDAR, and drone images);
- Forest species mapping;
- Crop types mapping;
- Coastal wetlands mapping;
- Classification and change detection algorithms or methods development (e.g., deep learning algorithm);
- Accuracy assessment method development for established LCLU products;
- Impacts of LCLU changes on ecosystems, disease, the hydrology cycle, the climate system, and so on;
- Physical and socioeconomic drivers of LCLU;
- LCLU policy;
- LCLU monitoring.





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)