



*land*

an Open Access Journal by MDPI



## Land Use Change (LUC) and Resources and Environmental Carrying Capacity (RECC) in Tropics and Sub-tropics

Guest Editors:

**Dr. Chiwei Xiao**

**Prof. Dr. Luguang Jiang**

**Dr. Guilin Liu**

**Dr. Qiong Hu**

Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editors

Dear Colleagues,

Land use and land cover change (LULCC) is an important field in global environmental change and critical for the modeling human–Earth systems. It affects ecosystem services, water conservation, food security, the climate system, and resources and environment carrying capacity (RECC). Currently, the (sub-) tropical region has become the a hotspot experiencing, or about to experience, LULCC due to the rapid and extensive development of society and the economy. Remote sensing techniques have been established as the most cost-efficient and reliable approaches to obtain information related to this topic. Meanwhile, RECC has become an effective and operational tool to describe development restrictions and quantify regional sustainable development.

This Special Issue aims to include studies that provide insights about the remote sensing of land cover and land use mapping and its impact and driving factors, as well as their resources and environmental carrying capacity at sub- and/or tropical scales.

We look forward to receiving your original research articles and reviews.



[mdpi.com/si/178553](https://mdpi.com/si/178553)

# Special Issue



*land*



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Christine Fürst

Institute for Geosciences and  
Geography, Department  
Sustainable Landscape  
Development, University of Halle,  
Von-Seckendorff-Platz 4, 06120  
Halle, Germany

## Message from the Editor-in-Chief

*Land* is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* 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, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Nature and Landscape Conservation)

## Contact Us

---

*Land* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

mdpi.com/journal/land  
land@mdpi.com  
X@Land\_MDPI