

Special Issue

Human Activity-Driven Land Use Change: Insights and Perspectives from Novel Data and Methodologies

Message from the Guest Editors

This Special Issue welcomes interdisciplinary manuscripts that advance the understanding of human–environment interactions through empirical, methodological, or theoretical contributions. By synthesizing diverse data and analytical approaches, this Special Issue aims to advance the theoretical and empirical understanding of human–environment interactions across multiple spatial–temporal scales. This Special Issue will welcome manuscripts that link the following themes:

- Impacts of multi-dimensional urbanization on ecological quality and ecosystem services under climate change;
- Leveraging multi-source remote sensing and social sensing data to quantify human–land interaction dynamics across spatial–temporal scales;
- Assessing land system resilience and adaptation;
- Decoding causal mechanisms between human activities and land use change using machine learning and causal inference modeling;
- GIS-based and spatial analytical approaches for sustainable land management.

Guest Editors

Dr. Zhiqi Yang
Dr. Brice B. Hanberry
Dr. Wenpeng Du

Deadline for manuscript submissions

16 September 2026



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/270047

Land
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
land@mdpi.com

[mdpi.com/journal/
land](https://mdpi.com/journal/land)





Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



[mdpi.com/journal/
land](https://mdpi.com/journal/land)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Christine Fürst
Department Sustainable Landscape Development, Institute for
Geosciences and Geography, University of Halle, Halle, Germany

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), GEOBASE, PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)