

Special Issue

Sustainable Evaluation Methodology of Urban and Regional Planning

Message from the Guest Editors

Urbanization is a global trend that has led to the rapid growth of cities and regions, bringing about significant social, economic, and environmental challenges. In recent years, geo-big data and GeoAI have emerged as important approaches to evaluate the sustainability of land use or urban planning. These new developments provide opportunities to gain new insights into sustainable urban and regional planning and can help policymakers address the potential challenges raised by global climate change.

Therefore, we are organizing a Special Issue that is open to researchers interested in the field of sustainable urban and regional planning using geo-big data and GeoAI. This Special Issue welcomes manuscripts that include the following themes:

Sustainable regional/urban land use evaluation with geo-big data;

Sustainable regional natural resources evaluation with geo-big data;

Regional/urban environmental change and evaluation;
Urban and regional planning models based on GeoAI or machine learning;

Land use optimization models based on GeoAI or machine learning.

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

Guest Editors

Dr. Yilun Liu

Dr. Xiaocong Xu

Dr. Guohua Hu

Deadline for manuscript submissions

closed (22 April 2025)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/170927

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)