

Special Issue

Spatial Analysis and Land Use Planning for Sustainable Ecosystem

Message from the Guest Editors

The sustainability of an ecosystem is a key prerequisite for human survival and development. With the development of science and technology, the ability of human beings to transform the ecosystem is becoming stronger than ever, and the relationship between human beings and ecosystems has entered a new epoch. Human beings have conducted various disturbances and transformations on the ecosystem for various purposes, e.g., to obtain the necessary survival resources, develop the economy, develop industrialization and urbanization, improve the living environment, etc. The involved topics include (but are not be limited to) the following: Terrestrial ecosystems and the net primary productivity of vegetation; Land surface/vegetation phenology dynamic monitoring; The impact of changing human activities on ecological ecosystems; Land use/cover information extracting based on remote sensing; Machine/deep learning algorithm for remote sensing applications; Land degradation and rehabilitation based on intelligent geo-computing; The cumulative impacts of human pressures on the land environment.

Guest Editors

Prof. Dr. Xinchang Zhang
Dr. Ying Sun
Dr. Yongjian Ruan

Deadline for manuscript submissions

closed (5 December 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/148364

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)