

## Special Issue

# Spatial Analysis and GIS for Sustainable Land Change Management

### Message from the Guest Editors

Land use and its changes have a direct impact on quality of life. Air, water and soil pollution caused by growing industries and intensive land use not only lead to biodiversity loss, desertification and other negative changes, but is also a risk factor for many diseases. Recognising and understanding how land use changes shape our daily lives by altering the geographical, social and economic environment can help prevent some adverse changes and assist local authorities in sustainable land management. In addition, the wealth of geographical data and advanced GIS techniques used for analysis facilitate analysis in both current and historical perspectives. Papers may address any topic related to sustainable land change management, and use cases may address global, regional or local issues. Papers analysing the usability of existing or new geospatial tools are also welcome. The Special Issue is open to all research papers involving various aspects of using GIS and spatial analysis related to sustainable land change management, e.g., land use changes, planning, landscape changes, sustainable environment and renewable energy. Interdisciplinary approaches are especially welcome.

---

### Guest Editors

Prof. Dr. Elzbieta Bielecka  
Dr. Beata Calka  
Dr. Mohamed Zhran

---

### Deadline for manuscript submissions

closed (15 May 2026)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/237818](https://mdpi.com/si/237818)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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)