

## Special Issue

# GIS Implementation in Sustainable Urban Planning—2nd Edition

### Message from the Guest Editors

We are currently experiencing a geospatial technology revolution era. Geospatial technologies, especially the integration of Geographical Information (GI) science, GI system, and GI data science technologies, play critical roles in strategy development, decision-making, and society planning. As urban areas are complex systems that include the physical, population, human, and cultural environments, their development and sustainability require diverse spatial information from multiple dimensions. This Special Issue aims to highlight novel and innovative GIS applications related to urban studies and urban planning to address the challenges currently faced by cities, as discussed above. Topics of interest include, but are not limited to, the following research areas:

- Urban and regional planning;
- Land use and planning;
- Functional city zoning and planning;
- Urban infrastructure and analysis;
- Urban transportation and management;
- Urban forest and management;
- Urban hazards and analysis;
- Crime mapping and analysis;
- Solid waste mapping and management;
- Urban resilience and sustainability.

---

### Guest Editors

Dr. Qingmin Meng  
Dr. Haibin Gu  
Dr. Yongchun Yang

---

### Deadline for manuscript submissions

closed (1 April 2026)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/237734](https://mdpi.com/si/237734)

*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)