



Sustainability in Geospatial Analysis and Geographic Information Science Application

Guest Editors:

Dr. Hui Wang

Department of Geosciences,
Mississippi State University,
Mississippi State, MS 39762, USA

Dr. Xiang Que

Computer and Information
College, Fujian Agriculture and
Forestry University, Fuzhou,
Fujian 350002, China

Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editors

Geographic Information Science (GIS) has been rapidly and efficiently applied to human activities and environmental protection in our modern society. Over the past few years, sustainability has been a key goal. It allows for the maximization of development, while causing the least harm to the next generation. One of the benefits of implementing GIS is that it can bring disparate and complex data sets together, thus making visualization more straightforward. Yet, certain relevant limitations still need to be further studied, such as inconsistent data and a lack of standardization, in applications of sustainability.

The major themes of this Special Issue mainly focus on interdisciplinary collaborations between GIS applications and geospatial analysis in the realm of human–environment activities. Research themes may include (but are not limited to) the following:

Watershed environmental science; Land use/cover change; Climate change issues; GIS modeling of physical environment; Remote sensing applications; Geospatial analysis; Machine (deep) learning in GIS applications; Health–environmental problems.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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. *Sustainability* publishes original research articles, review 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.

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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)