

Special Issue

Remote Sensing Information and Sustainable Urban Ecology

Message from the Guest Editors

Today, our cities house more than 50% of the global population and are responsible for 70% of global energy consumption and 80% of global CO₂ emissions. Therefore, cities face major challenges and various environmental, societal, and economic problems that must be addressed in order to keep pace with the increasing sustainability requirements. Remote sensing information plays a significant role in developing advanced analytics solutions for sustainable urban ecology. Since advances in remote sensing technologies, cities have generated a huge number of data that offer richer services for citizens. Currently, a myriad of remote sensing sensors are deployed in cities throughout the world, generating various types of remote sensing information, such as optical data, multispectral data, hyperspectral data, lidar data, SAR data, etc. This Special Issue aims to survey state-of-the-art methods, technologies, and systems in remote sensing information, as well as algorithms and methods for the extraction of information from data by AI, computational, and statistical approaches.

Guest Editors

Dr. Peng Wang
Prof. Dr. Bo Huang
Prof. Dr. Liguang Wang

Deadline for manuscript submissions

closed (31 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/145080

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)