



Geographic Information Systems Applications in Transport Planning

Guest Editors:

Prof. Dr. Emilio Ortega

Department of Forest and Environmental Engineering and Management, MONTES, School of Forest Engineering and Natural Resources, Universidad Politécnica de Madrid, 28040 Madrid, Spain
Transport Research Centre (TRANSyT-UPM), Universidad Politécnica de Madrid, 28040 Madrid, Spain

Prof. Dr. Belén Martín

Department of Forest and Environmental Engineering and Management, MONTES, School of Forest Engineering and Natural Resources, Universidad Politécnica de Madrid, 28040 Madrid, Spain
Transport Research Centre (TRANSyT-UPM), Universidad Politécnica de Madrid, 28040 Madrid, Spain

Deadline for manuscript submissions:

closed (30 September 2021)



mdpi.com/si/64268

Message from the Guest Editors

For years, the use of GIS has proven to be an essential tool for the planning of all activities related to the territory, including transport. Numerous applications, methodologies, tools, and expert systems have been developed by the scientific community in recent years.

This Special Issue of *Sustainability* aims to provide a chance to exchange research topics related to GIS methodologies or developments in the transport planning field. These GIS-based applications allow the assessment the effects of sustainable urban mobility on a city's inhabitants, regional or national transport plans, interconnected transport modes, or the effects of climate change in transport, among others. Both original research and review works are welcome for submission. Research topics of interest include but are not limited to the following:

1. Active and non-motorized mobility;
2. Public Transport;
3. Territorial accessibility changes;
4. Strategic environmental assessment;
5. Environmental impacts of transport;



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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.

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)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)