

Geo-Information for Developing Urban Infrastructures

Guest Editor:

Prof. Dr. Jochen Schiewe

HafenCity University Hamburg,
Lab for Geoinformatics and
Geovisualization (g2lab),
Überseeallee 16, 20457 Hamburg,
Germany

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editor

Dear Colleagues,

Population growth, on the one hand, and the need for environmental sustainability, on the other, are only two but typical counterproductive factors influencing the development of cities. This Special Issue addresses innovative methods for geo-information fusion, analysis, and visualization to support complex actions for planning and improving a livable built environment on a short and long term basis. In this context, no holistic concepts—such as from “Smart Cities”—should be treated, but rather concrete approaches that refer to selected urban infrastructures such as transport, communication, energy supply or disposal. The described methods should support experts in their decisions; however, the perspective of citizens and politicians should also be considered within the development process.

Keywords:

- urban infrastructure
- built environment
- decision support
- geo-information analysis
- geo-visualization



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Wolfgang Kainz

Cartography and Geographic
Information Science, Department
of Geography and Regional
Research, University of Vienna,
Universitätsstr. 7, A-1010 Vienna,
Austria

Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [GeoRef](#), [PubAg](#), [dblp](#), [Astrophysics Data System](#), [Inspec](#), and [other databases](#).

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

Contact Us

ISPRS International Journal of Geo-Information Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/ijgi
ijgi@mdpi.com
[X@ISPRS_IJGI](#)