

Special Issue

Virtual 3D City Models

Message from the Guest Editor

Virtual 3D City Models, in varying forms of extent and detail, are becoming more common, yet their usage might still be limited. While virtual 3D city models have great potential in supporting the planning, simulation, and operation of cities, districts, and neighborhoods, there are still many obstacles to the use of virtual 3D city models as "digital twins". In this Special Issue, we would like to share knowledge on innovative uses of virtual 3D city models for planning, simulation, and operation. We are interested in potential best practices, as well as lessons learned, that can inspire others to follow up and explore similar or complimentary applications of virtual 3D city models. Obviously, no one size does not fit all and, as such, comparing successful practices and lessons learned is the best way forward to ensure a reasonable perspective of a complete, successful, and effective use of the potential of 3D virtual city models. This Special Issue aims to make an important step toward this ultimate objective.

Guest Editor

Dr. Rudi Stouffs

Department of Architecture, School of Design and Environment,
National University of Singapore, Singapore 117566, Singapore

Deadline for manuscript submissions

closed (31 March 2021)



ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 6.9



mdpi.com/si/37521

*ISPRS International Journal of
Geo-Information*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijgi@mdpi.com

mdpi.com/journal/

[ijgi](https://ijgi.org)





ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 6.9



mdpi.com/journal/

ijgi



About the Journal

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.

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

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 (Remote Sensing) / CiteScore - Q1 (Geography, Planning and Development)