



an Open Access Journal by MDPI

GIS in Healthcare

Guest Editor:

Prof. Fazlay S. Faruque

Department of Preventive
Medicine, University of
Mississippi Medical Center, 2500
North State Street Jackson, MS
39216-4505, USA

FFaruque@umc.edu

Deadline for manuscript
submissions:

31 August 2020

Message from the Guest Editor

The entire healthcare sector, including health businesses, academia, and policy makers, is facing a challenge to become more efficient by reducing costs while reaching out to a broader range of communities. GIS is a proven tool for improving efficiency and planning in different areas of healthcare. From non-critical applications, such as primary care or preventive care, to critical situations, such as emergency care or organ replacement, GIS is increasingly being utilized to develop better business models and make lifesaving decisions. This Special Issue of *IJGI* is expected to serve as a knowledge exchange platform presenting the latest advancements in GIS applications in a dynamic healthcare landscape.

We invite authors to submit original scientific papers on the application of geospatial technologies in healthcare including, but not limited to, the following topics:

- Catchment area;
- Distance decay;
- Drive time pattern;
- Healthcare business model;
- Healthcare geomatics;
- Healthcare disparities;
- Healthcare needs assessment and planning;
- Healthcare shortage areas;
- Healthcare utilization;
- Healthcare resource allocation;
- Remote patient monitoring;
- Social medicine;
- Spatial surveillance;
- Telehealth.



mdpi.com/si/32712

Special Issue



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: The journal is covered by **Science Citation Index Expanded** (Web of Science), Scopus and INSPEC (IET).

CiteScore (2018 Scopus data): **2.58**, which equals rank 22/86 (Q2) in the category 'Earth and Planetary Sciences (miscellaneous)', rank 78/629 (Q1) in 'Geography, Planning and Development', and rank 11/34 (Q2) in 'Computers in Earth Sciences.'

Contact Us

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

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/ijgi
ijgi@mdpi.com